BEST AVAILABLE COPY

WO 03/076645

Rec'd PCT/PTO 03 SEP 2004

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10/506549

1 ATGTCTTCCA AGAAGAATAG AAAGCGGTTG AACCAAAGCG CGGAAAATGG 51 TTOGTOCTTG COCTICTICCTG CTTCCTCTTG TGCGGAGGCA CGGGCTCCTT 101 CTGCTGGATC AGACTTOGOG GCAACCTOOG GGACTCTGAC GGTGACCAAC 151 TTATTAGAAA AGGATGACAA AATTCCTAAA ACATTCCAGA ATTCCCTTAT 201 TCATCTTGGA CTCAACACTA TGAAGTCTGC AAATATATGT ATAGGTCGAC 251 CAGTGTTGCT TACTAGTTTG AACGGAAAGC AAGAGGTGTA TACAGCCTGG 301 CCTATGGCAG GATTTCCTGG AGGCAAGGTC GGCCTGAGTG AAATGGCACA 351 GAAAAATGTG GGTGTGAGGC CTGGTGATGC CATCCAGGTC CAGCCTCTTG 401 TGGGTGCTGT GCTACAGGCT GAGGAAATGG ATGTGGCACT GAGTGACAAA 451 GATATGGAAA TTAATGAAGA AGAACTGACT GGTTGTATCC TGAGAAAACT 501 AGATGGCAAG ATTIGTTITAC CAGGCAACIT TCTGTATTGT ACATTCTATG 551 GACGACCGTA CAAGCTGCAA GTATTGCGAG TGAAAGGGGC AGATGGCATG 601 ATATTGGGAG GGCCTCAGAG TGACTCTGAC ACTGATGCCC AAAGAATGGC 651 CTTTGAACAG TCCAGCATGG AAACCAGTAG CCTGGAGTTA TCCTTACAGC 701 TAAGCCAGTT AGATCTGGAG GATACCCAGA TCCCAACATC AAGAAGTACT 751 CCTTATAAAC CAATTGATGA CAGAATTACA AATAAAGCCA GTGATGTTTT 801 GCTGGATGTT ACACAGAGCC CTGGAGATGG CAGTGGACTT ATGCTAGAGG 851 AAGTCACAGG TCTTAAATGT AATTTTGAAT CTGCCAGAGA AGGAAATGAG 901 CAACTTACTG AAGAAGAGAG ACTGCTAAAG TTCAGCATAG GAGCAAAGTG 951 CAATACTGAT ACTITITATT TTATTITCTTC AACAACAAGA GTCAATITTA 1001 CAGAGATTGA TAAAAATTCA AAAGAGCAAG ACAACCAATT CAAAGTAACT 1051 TATGACATGA TAGGAGGATT AAGTAGCCAG CTGAAAGCAA TTAGAGAAAT 1101 AATTGAATTG CCCCTCAAAC AGCCTGAGCT TTTCAAGAGT TATGGAATTC 1151 CTGCCCCTAG AGGAGTGTTA CTTTATGGTC CTCCAGGTAC TGGAAAAACA 1201 ATGATOGCCA GGGCTGTTGC TAATGAAGTT GGAGCCTATG TITTCTGTAAT 1251 TAATGGTCCT GAAATTATAA GCAAATTCTA TGGTGAGACT GAAGCAAAGT 1301 TACGTCAGAT ATTTGCTGAA GCCACTCTAC GACACCCATC AATTATTTTT
1351 ATTGATGAGC TGGATGCACT TTGTCCGAAA AGAGAGGGGG CCCAGAATGA 1401 AGTGGAAAAA AGAGTTGTGG CTTCACTCTT AACACTGATG GATGGCATTG 1451 GTTCAGAAGT AAGTGAAGGA CAAGTGTTGG TTCTTGGGGC CACAAATCGC 1501 CCTCATGCCT TGGATGCTGC TCTCCGAAGA CCTGGGCGAT TTGATAAAGA 1551 GATTGAGATT GGAGTTCCCA ATGCTCAGGA CCGGCTAGAT ATTCTCCAGA 1601 AACTGCTTCG AAGGGTACCC CATTTGCTCA CTGAGGCTGA GCTGCTGCAG 1651 CTGGCAAATA GTGCTCATGG ATACGTTGGA GCAGACTTGA AAGTCTTGTG 1701 TAATGAAGCA GGTCTCTGTG CCTTGCGGAG AATCCTGAAA AAACAGCCTA 1751 ACCTCCCTGA TGTCAAGGTG GCTGGACTGG TGAAGATTAC TCTGAAGGAT 1801 TTCTTGCAGG CAATGAATGA TATCAGACCC AGTGCCATGA GGGAAATAGC 1851 AATTGATGTC CCAAATGTAT CCTGGTCAGA TATAGGAGGA CTGGAAAGTA 1901 TCAAACTGAA GTTGGAACAG GCTGTGGAAT GGCCCTTAAA ACATCCAGAG 1951 TCTTTCATTC GAATGGGTAT TCAGCCACCT AAAGGAGTTC TTCTCTATGG 2001 GCCACCTGGG TGCTCTAAAA CAATGATAGC AAAGGCTTTG GCCAATGAGA 2051 GTGGACTGAA TTTTCTAGCT ATAAAGGGGC CTGAATTAAT GAATAAATAT 2101 GTTGGTGAAT CTGAAAGAGC AGTTAGAGAG ACCTTCCGAA AAGCAAGAGC 2151 AGTGGCGCCT TCCATTATTT TCTTTGATGA ACTGGATGCC TTAGCAGTTG 2201 AAAGGGGCAG TTCTTTAGGT GCTGGGAATG TAGCCGATCG TGTTTTGGCT 2251 CAGCTCTTAA CAGAAATGGA TGGGATTGAA CAGCTAAAGG ATGTGACCAT 2301 TTTGGCAGCT ACTAACOGTC CAGATAGGAT AGACAAGGCT TTGATGCGGC 2351 CTGGAAGAAT TGATAGAATC ATCTATGTGC CTTTACCGGA TGCAGCAACA 2401 AGAAGGGAAA TATTTAAGCT GCAGTTTCAC TCCATGCCTG TCAGTAATGA 2451 AGTTGACCTG GATGAACTCA TCCTTCAAAC CGACGCATAC TCAGGAGCAG 2501 AGATTIGTAGC TIGTCTIGCAGA GAGGCAGCTIC TTCTGGCTCT GGAAGAAGAC 2551 ATTCAAGCCA ATCTCATCAT GAAAAGACAT TTCACTCAGG CCTTGAGCAC 2601 TGTGACACCT AGAATTCCTG AGTCATTGAG ACGTTTTTAT GAAGATTATC 2651 AAGAGAAGAG TGGGCTGCAT ACACTCTGA (SEQ ID NO:1)

FEATURES: Start Codon: 1 Stop Codon: 2677 WO 03/076645

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HOMOLOGOUS PROTEINS: Top 10 BLAST Hits:

	Score	Ε
CRA 18000005197945 /altid=gi 10946660 /def=ref NP_067318.1 (NM	1395	0.0
CRA 98000043618036 /altid=gi 12847023 /def=dbj BAB27406.1 (AKO	1392	0.0
QRA 83000031771150 /altid=gi 14602090 /def=ref NP_148637.1 (NC	595	e-168
CRA 335001098642471 /altid=qi 11498895 /def=ref NP_070126.1 (N	593	e-168
CRA 50000098922782 /altid=qi 15669345 /def=ref NP_248150.1 (NC	591	e-167
GRA 83000031770426 /altid=qi 14601365 /def=ref NP_147901.1 (NC	590	e-167
CRA 223000018401032 /altid=qi 18159541 /def=gb AAL62959.1 (AEO	588	e-166
CRA 18000005144849 /altid=qi 7490056 /def=pir T40537 AAA famil	581	e-164
CRA 50000098926394 /altid=qi 15679634 /def=ref NP_276751.1 (NC	578	e-163
CRA 223000002644325 /altid=qi 15920392 /def=ref NP_376061.1 (N	576	e-163

Blast hits to dbEST:

CRA Number	gi Number	Score	Expect
CRA 46000021337349	gi 9791981	1170 bits (590)	0.0
CRA 46000021359662	gi 9794006	1015 bits (512)	0.0
CRA 1000490140751	gi 5339414	888 bits (448)0.0	
CRA 3000001162535	gi 3086717	839 bits (423) 0.0	
CRA 3000001146260	gi 3070203	704 bits (355)0.0	
CRA 156000059690462	gi 10568861	624 bits (315) 1e-176	
CRA 46000021357847	gi 9793841	500 bits (252) 1e-138	
CRA 3000001604381	gi 2656600	472 bits (238) 1e-130)

EXPRESSION INFORMATION FOR MODULATORY USE:

3-	ih	ra	n /	SOL	ırce:
		а	·	30	n ce.

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gi Number	Organ	<u> Tissue Type</u>
gi 9791981	(none)	pooled germ cell tumors
gi 9794006	(none)	pooled germ cell tumors
gi 5339414	kidney	kidney tumor
gi 3086717	(none)	pooled germ cell tumors
gi 3070203	(none)	pooled germ cell tumors
qi 10568861	brain	primitive neuroectoderm
gi 9793841	kidney	
ai 12656600	Liver and Spleen	

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    1 MSSKKNRKRL NQSAENGSSL PSAASSCAEA RAPSAGSDFA ATSGTLTVTN
   51 LLEKDOKIPK TFONSLIHLG LNTMKSANIC IGRPVLLTSL NGKQEVYTAW
  101 PMAGFPGGKV GLSEMAQKNV GVRPGDATQV QPLVGAVLQA EEVDVALSDK
151 DMEINEEELT GCILRKLDGK IVLPGNFLYC TFYGRPYKLQ VLRVKGADGM
  201 ILGGPQSDSD TDAQRMAFEQ SSMETSSLEL SLQLSQLDLE DTQIPTSRST
  251 PYKPIDDRIT NKASDVLLDV TQSPQDGSGL MLEEVTGLKC NFESAREGNE
  301 OLTEEERLLK FSIGAKONTD TFYFISSTTR VNFTEIDKNS KEQDNQFKVT
  351 YDMIGGLSSQ LKAIRETIEL PLKQPELFKS YGIPAPRGVL LYGPPGTGKT
  401 MIARAVANEV GAYVSVINGP EIISKFYGET EAKLRQIFAE ATLRHPSIIF
  451 IDELDALOPK REGAQNEVEK RVVASLLTLM DGIGSEVSEG QVLVLGATNR
  501 PHALDAALRR PORFDKEIEI GVPNAQDRLD ILQKLLRRVP HLLTEAELLQ
  551 LANSAHGYVG ADLKVLONEA GLCALRRILK KOPNLPDVKV AGLVKITLKO
  601 FLOAMNDIRP SAMRETATOV PNVSWSDIGG LESIKLKLEQ AVEWPLKHPE
  651 SFIRMGIQPP KGVLLYGPPG CSKTMIAKAL ANESGLNFLA IKGPELMNKY
  701 VGESERAVRE TFRKARAVAP SIIFFDELDA LAVERGSSLG AGNVADRVLA
  751 QLLTEMOGIE QLKOVTILAA TNRPORIDKA LMRPGRIDRI IYVPLPDAAT
  801 RREIFKLOFH SMPVSNEVOL DELILOTDAY SGAETVAVOR EAALLALEED
  851 IQANLIMKRH FTQALSTVTP RIPESLRRFY EDYQEKSGLH TL (SEQ ID NO:2)
FEATURES:
Functional domains and key regions:
Prosite results
PDOCO0001 PS00001 ASN_GLYCOSYLATION
N-glycosylation site
Number of matches: 5
                11-14
                                NQSA
               16-19
                                NGSS
        3
               332-335 NFTE
        4
               622-625 NVSW
               682-685 NESG
PDOC00005 PS00005 PKC_PHOSPHO_SITE
Protein kinase C phosphorylation site
Number of matches: 18
               2-4
73-75
                                 SSK
                                 TMK
        3
               148-150 SDK
                246-248 TSR
        5
               260-262 TNK
294-296 SAR
        6
7
                328-330 TTR
        8
                397-399 TGK
               442-444 TLR
        9
               498-500 TNR
597-599 TLK
        10
        112
                633-635 SIK
        <u>13</u>
                704-706 SER
        14
15
                711-713 TFR
771-773 TNR
        16
                800-802 TRR
        17
                869-871 TPR
        18
                875-877 SLR
PDOC00006 PS00006 CK2_PHOSPHO_SITE
Casein kinase II phosphorylation site
Number of matches: 17
                26-29
                                 SCAE
                148-151 SDKD
                207-210 SDSD
                221-224 SSME
                226-229 SSLE
235-238 SQLD
        5
        6
7
                273-276 SPGD
        8
                294-297 sare
        9
                303-306 TEEE
        10
11
12
                334-337 TEID
478-481 TLMD
                544-547 TEAE
```

597-600 TLKD

FIGURE 2A

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PCT/US03/06670

```
624-627 SWSD
14
       754-757 TEMD
15
       800-803 TRRE
16
       831-834 SGAE
```

PDOC00007 PS00007 TYR_PHOSPHO_SITE Tyrosine kinase phosphorylation site 316-323 KONTOTFY

PDOCO0008 PS00008 MYRISTYL N-myristoylation site Number of matches: 14 36-41 GSDFAA ' 1 107-112 GGKVGL 121-126 GVRPGD 199-204 GMILGG 287-292 GLKONF 314-319 GAKONT 355-360 GGLSSQ 6 7 8 396-401 GTCKTM 9 411-416 GAYVSV 484-489 GSEVSE 521-526 GVPNAQ 10 629-634 GGLEST 670-675 GCSKTM <u>12</u>

PDOCO0013 PS00013 PROKAR_LIPOPROTEIN Prokaryotic membrane lipoprotein lipid attachment site GSSLPSAASSC

PDOC00017 PS00017 ATP_GTP_A ATP/GTP-binding site motif A (P-loop) 393-400 GPPGTGKT

736-741 GSSLGA

PDOC00572 PS00674 AAA AAA-protein family signature Number of matches: 2

13

492-510 VLVLGATNRPHALDAALRR 765-783 VTILAATNRPDRIDKALMR

Membrane spanning structure and domains: Helix Begin End Score Certainty 1 32 52 0.667 Putative 2 96 116 0.614 Putative

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PCT/US03/06670

BLAST Alignment to Top Hit:

>CRA|18000005197945 /altid=gi|10946660 /def=ref|NP_067318.1|

(NM_021343) spermatogenesis associated factor [Mus musculus] /org=Mus musculus /taxon=10090 /div=ROD /dataset=nraa /length=892

Length = 892

Score = 1490 bits (3814), Expect = 0.0 Identities = 759/893 (84%), Positives = 813/893 (90%), Gaps = 1/893 (0%) Frame = +1

Identi Frame		= 759/893 (84%), Positives = 813/893 (90%), Gaps = 1/893 (0%)	
Query:	1	MSSKKNRKRLNQSAENGSSLPSAASSCAEARAPSAGSDFAATSGTLTVTNLLEKDDKIPK MSSKKNRKR + AE S SAA S + P A AA G L VTN LEKD K+PK	180
Sbjct:	1	MSSKKNRKRQKEGAEGASPSLSAAPSRSGTSTPFAQPSPAAP-GMLVVTNFLEXDGKVPK	59
Query:	181	TFQNSLIHLGLNTMKSANICIGRPVLLTSLNGKQEVYTAWPMAGFPGGKVGLSEMAQKNV TFQNSL+HLGLNTMKSANICIGRPVLLTSL+GKQEVYTAWP+AGFPGGKVGLSEMAQKNV	360
Sbjct:	60	TFQNSLVHLGLNTMKSANTCTGRPVLLTSLDGKQEVYTAWPVAGFPGGKVGLSBMAQKNV	119
Query:	361	GVRPCDAIQVOPLVGAVLQAEEMDVALSDKDMEINEEELTGCILRKLDGKIVLPGNFLYC GVR G+ IQVOPL+GAVLQA+EMD+ALSDKD EINEEELTGCILRKLDGKIVLPGNFLYC	
Sbjct:	120	GVRAGETIQVQPLLGAVLQAQEMDLALSDKDKEINEEELTGCILRKLDGKIVLPGNFLYC	
Query:		TFYGRPYKLQVLRVKGADGMILGGPQSDSDTDAQRMAFEQSSMETSSLELSLQLSQLDLE TFYGR KLQVL+VKG DG LG PQS S TDAQ MA E SSME S ++LS QLSQLDL+	
Sbjct:		TFYGRLCKLQVLQVKGTDGTTLGKPQSASGTDAQGMASEHSSMENSDVDLSFQLSQLDLK	
Query:	721	DTQIPTSRSTPYKPIDDRITNKASDVLLDVTQSPGDGSGLMLEEVTGLKONFESAREGNE + Q P+S+STP KP +DR NKA +VLLDVTQSP DGSGL LEE TGLKC+F+S++EGN	
Sbjct:	240	EPÖSPSSQSTPOKPTNDRTVNKAGEVLLDVTQSPRDGSGLGLEESTGLKCSFDSSKEGNT	299
Query:	901	QLTEEERLLK-FSIGAKONTDTFYFISSTTRVNFTEIDKNSKEQDNQFKVTYDMIGGLSS Q EE+LLK S G K NTDTFYFISSTTR+N +I NSKEQD+QFKVTYDMIGGL+S	1077
Sbjct:		ÓPVSEEKLLKPASAGTKSNTDTFYFISSTTRINLRKICTNSKEÓDSÓFKVTYDMIGGLNS	
Query:	1078	QLKAIRETIELPLKQPELFKSYGIPAPRGVLLYGPPGTGKTMIARAVANEVGAYVSVING QLKAIRETIELPLKQPELFKSYGIPAPRG+LLYGPPGTGKTMIARAVANEVGAYVSVING	1257
•		QLKAIRETIELPLKQPELFKSYGIPAPRGLLLYGPPGTGKTMIARAVANEVGAYVSVING	
-		PETISKFYGETEAKLRQIFAEATLRHPSTIFTDELDALCPKREGAQNEVEKRVVASLLTL PETISKFYGETEA+LRQIFAEATLRHPSTIFTDELDALCPKREGAQ+EVEKRVVASLLTL	
-		PETISKFYGETEARLRQIFAEATLRHPSIIFIDELDALCPKREGAQSEVEKRVVASLLTL	
		MDGIGSEVSEGQVLVLGATNRPHALDAALRRPGRFDKEIEIGVPNAQDRLDILQKLLRRV MDGIGSE SEG+VLVLGATNRP ALDAALRRPGRFDKEIEIG+PNAQDRLDILQKLLRRV	
•		MDGTGSEGSEGRVLVLGATNRPQALDAALRRPGRFDKETETGTPNAQDRLDTLQKLLRRV	
		PHILITEAELLQLANSAHGYVGADLKVLONEAGLCALRRILKKQPNLPDVKVAGLVKTTLK PHILIT+AELL+LAN+AHGYVGADLK LONEAGL ALRR+L+KQPNLPD KVAG+VKTTL	
_		PHILLTKAELLRLANNAHGYVGADLKALONEAGLHALRRVLRKQPNLPDSKVAGVVKTTLN	
_		DFLQAMNDTRPSAMRETATIOVPNVSWSDIGGLESTKLKLEQAVEWPLKHPESFTRMGTQPDFLQ MNDTRPSAMRE+ATIOVPNVSWSDIGGLE+TKLKL+QAVEWPLKHP+SF RMGTQP	
_		DFLQGMNDTRPSAMREVATDVPNVSWSDIGGLENTKLKLKQAVEWPLKHPKSFNRMGTQP	
-		PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVRETFRKARAVA PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVRE FRKARAVA	
		PKGVLLYGPPGCSKTMIAKALANESGLNFLAIKGPELMNKYVGESERAVREIFRKARAVA	
		PSIIFFDELDALAVERGSSLGAGNVADRVLAQLLTEMDGIEQLKDVTILAATNRPDRIDK PSIIFFDELDALAVERGSS GAGNVADRVLAQLLTEMDGIEQLK+VT+LAATNRPDRIDK	
Sbjct:	720	PSIIFFDELDALAVERGSSSGAGNVADRVLAQLLTEMDGIEQLKNVTVLAATNRPDRIDK	779

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Query: 2338 ALMRPORIDRITYVPLPDAATRREIFKLQFHSMPVSNEVDLDELILQTDAYSGAEIVAVC 2517 ALMRPGRIDRITYVPLPDAATRREI LQFHSMP+SNEVDLDEL+LQTD YSGAEI+AVC Sbjct: 780 ALMRPGRIDRITYVPLPDAATRREILNLQFHSMPISNEVDLDELVLQTDTYSGAEIIAVC 839

Query: 2518 REAALLALEEDIQANLIMKRHFTQALSTVTPRIPESLRRFYEDYQEKSGLHTL 2676

+EAALLALEE+I+A+ IMKRHFT+ALS VTPRIPESLRRFYEDYQEKSGLHT+

Sbjct: 840 KEAALLALEENIKADCIMKRHFTEALSIVTPRIPESLRRFYEDYQEKSGLHTV 892 (SEQ ID NO:4)

Hmmer search results (Pfam):

Scores f	for sequence family classification (score include	tes all d	omains):	
Model	Description	Score	E-value	<u>N</u>
PF00004	ATPases associated with various cellular act	603.4	1.3e-177	2
PF01057		23.0	5.4e-06	2
PF00910	RNA helicase	14.5	0.005	2
	IstB-like ATP binding protein	6.6	1.4	1
PF00158	Sigma-54 transcription factors	6.4	1.1	1
	UvrD/REP helicase	4.8	1.1	1
	Isopentenyl transferase	3.3	6.3	1
	Shikimate kinase	3.3	8.9	1

-	_		
Parsed	tor	doma:	ınc.

rai scu i	OI GOIRGI	113.					_
Model	Domain	seq-f	seq-t	hmm-f	hmm-t	score	E-value
PF01695	1/1	389	405	52	68	6.6	1.4
PF00158	1/1	389	406	25	42	6.4	1.1
PF01202	1/1	387	408	1	22 [.	3.3	8.9
PF01745	1/1	386	412	1	27 [.	3.3	6.3
PF01057	1/2	389	413	172	200	15.5	0.0009
PF00910	1/2	389	413	126	150	13.1	0.012
PF00580	$\vec{1}/\vec{1}$	524	554	700	731 .]	4.8	1.1
PF00004	$\overline{1/2}$	388	576	1	220 TĪ	288.9	6.3e-83
PF01057	$\overline{2}/\overline{2}$	663	681	172	194	7.9	0.16
PF00910	$\overline{2}/\overline{2}$	663	682	126	145	1.4	22
PF00004	$\frac{\overline{2}}{2}/\overline{2}$	662	848	Ťi	220 □	320.7	1.7e-92

			CTCAAGGTTG		
			CCACCACCGT.		
			CAGTTCTCGC		
			TCTGAACCTC CAATAAAGAT		
			TTTGAGGGGC		
			GCCTGGGCAA		
			AGATGCGCGC		
			GCTTGAGCTC		
			ACTCTAGCCT		
			AAAAAAAAA		
			TTGAATGCTT		
			ACATTTATAC		
			CTACTATGGA		
			CCACTCAGTC		
			AAAGTGTCCG		
80T	AGGATACTAA	TAAIGIAAIA	ATATAATATT	AACAAACAIC	TTATCCAAAT
			TGCTGTGCAC AGTTCTTATC		
901	AAATCCTCCT	TTACCCCAAT	TTCCGAATGT	CCCACACTAG	AAAGTGGACC
			CCAAAGTCCG		
			AGCAAAAGGT		
			TECCTTCTCC		
			GGAGTGGGGG		
1201	AAGCTCTGGA	GCCCCCGGGAG	CCCTTCGTCC	CAGGCGCACT	TGCCCTGCAA
			CGTCCAGGCG		
1301	CCAGGCGCAC	CGAGATGCCC	CCGAATCTGT	CCAGCTCGCC	CTGCAGATCG
1351	CACGCTCCAA	CTGGCGGATT	CCGCACGTAA	CCCTGTGCGC	CCGAGGCCCA
1401	GCGGTAACCC	GCCGAAGGCC	CGGGGCCGTA	GGTTCGGGCA	AGCATUGUGU
1451	GCCAGCGCC	CCAGCICAGC	GGCTGCCGCA	1C1CCACGCC	TOCOCCOCC
			TCCGCGCTCC		
			GGAGACCGCG		
			AGTTAAGCGG		
1701	GCCACTCACT	TATTLIGITE	GGTAGTTTAA	TTCAACAGAC	GITGGITTAG
1751	GGATGGGGAA	GCCGGGAGGA	GATGCAAAAA	CGTCCTGTTT	TTCAGGAATT
			CGTTCCTGGA		
			GACTGCTGGT		
			TGCGCTCCAC		
			TGCCCCGGAA		
			TCTACTGCTT		
			GAAAGCGGTT		
					CGGTGACCAA
			AATTCCGGGT		
					GGGGTGCAGA
			GGCATGGGTC		
2351	GTAAGACTTC	TGTATGTAAG	AAGCATGCAA	ACGTAGCCGC	GCCTGCACTG
					CTCTTTTGTA
			TTGCACTTGA		
					GAACATGGGA
			ATAACCAATT AGCATTTTCT		
			AACTGCACAC		
2701	GCTCATCTAA	TTTCTACAGA	AGCCGTGACC	GATGGGTATA	GTAATGACAG
			TAACGTGATT		
			TTGAGTCCAG		
			TTGATTTGGG		
2901	AGTCTTATAA	ATTGAATTAA	AAATTGAAAA	TTTATATTTG	ATGTGTAATA
			CTAGTGGCAA		
			TTCACATGGT		
3051	ATCAGAGGAC	AACITGITCT	GTCCTGAAGG	TCAACTIGT	TTTTGAACTA
			AAACATGCTC		
			TTCTTCCTGCC		
3201	TCCCTACCCT	ATTOCACT	GACTTCCACC	CCATCATTCC	ATGGAAACTG
3301	TICCIGAG	GTCTCCAG	CATCTCCGTG	TTGATAAACC	TTACGTGACC
3351	ACAGCAACTT	TIGGTATIGI	TGACCATTCC	CTCCTTCTCG	AAACACTTAA
3401	CITCITATGI	GTTGTCAAAC	TTGCCTGGTT	TTCTTCATCT	TIGTIGATGT
3451	TTCATCATTT	TTCTTTGCAG	GCTGGTCCTC	TTCCCTTGAC	CATTAAATGT



3501 TGAAGTTCGT CAATTCTTAG TCCAAAACCT TTTTTTTCCT. CTCAATAAAT	
3551 CCTGTCTCCT TGGCAAGTTC ATCCAGTGCC CAGAGTTTCC CATCTATAGT	
3601 CTCTTCAGTG TCAGATTTAT ATTTGTAAAT CTTTTGTTTT TGCGCCTTGA	١
3651 TGTGGTTGCC TTTTAGCCAA ATGCTTCTCA AGCTCTCTGT GGTGAAGACT	-
3701 TTAAAATTTA TAATAGGTCA CAGATCGGCA CTTTTCTAAA ATACAGTAAA	١.
3751 AATGATTITC TAGAAAAATA AGGAAAAATT TITATTAAAC AGATGTGAAA	•
3801 TTACTCTGTA AATTTCAATA AAAGCTTCTA TATACTTATT CTCCTGTTTT	٢
3851 GTACTTIGTCA TGAAGCAGTA ACAAATOGTT GTGGGTCATA TTTTGAATAG	•
3901 CACTIGTACAA TAACTICTTICT CATGAGTGTC CCAAAGATAC TTCAGGACTA	
3951 ACTICATGAG CCCGTTATTT CCTCCAACAA AATAAACTTC AACTICTGTTC	
4001 AGTTTTTCCC GCTGCAAATT CAGAAACCTA AGAGTCATCC ATGACTCTCC	=
4051 CCCCCATATC TCACATACCT AGTCCACCAC TAAATCATGT TATTACCTAA	
4101 ATATTITACA TATTCCTCTT CIGCATGCCA TTCCCACTGT TTCTACCTTA	
4151 ATTTCAGACA CCATCATCTC TCACCTGGAC TGCTACAACA GCCTTTTGAC	
4201 TGATTTTCCA GCTTCCAATT TTGCCCCTTA TTCCTTTTCC ATTCTGCAGC	-
4251 CAGAATGATC TTGTAAGATG AAGATCTTGT CATGACATTG CTTTTCATCC	-
4301 CTTTCTGGGC TCCCACTGCT GTCAGAGTAA TGACCAGCAT CTTGATGCAG	
4351 CCTATTGCAC TATTGTCCTG GGTGGTCTTG ACCTTCTTTA CATGGCTTCC	-
4401 CTATGTCTCC ACCACTCTGC CTATACTCTC CTGAGGATGC GCCATACCCC	-
4451 CTTCTGCCCA GGAACTTTGT ACATGCTGTC CTCTTTGCTG AGAATTATCT	Γ
4501 TITTCTTCTC CTCATTTAGT TAGTTCCTAC TCTTCTTTCA GACCTGATCT	Γ
4551 TAACATCACT TCCTTTGAGA AACATTCTCT TATTTGAAAT TAGGTCAGAT	Γ
4601 CCCACATGGC TCTCCTGGCA CTCTAAGTCA TTTTTTCATT GTATTAATCT	
4651 TAGTITATTA TITTACAGCI ATCCACTGAT TGTTTAATAA CTCACTCATC	
4701 CTACAAGGCT ATAAACTICTG TGAGACCAAG GACTTGTGAA CAAAAGTGCC	=
4751 TAGCATAGTA TCTTTCATAT AGTAGGCACA TAGTACATAT TTGCTGAATG	=
4801 AATAAATGAA GGGTGGATGG TTGTTTGAAA TTATCTTTAC TATCTTGTTA	
4851 GITAATGIGA TACTTAAGGT GCTCAATAAA TGTGAAAGTA GTTAATGGGG	-
4901 AAATTAGATG TTGACATATT TTTAAAGTAT TGGAGGAGTG AGGTGAGAAG	_
4951 GGAACTIGTIGT GGACAACTTIG AGTAGACCTA TATAGTIGTAA GCAGAGAACA	3
5001 CGTTGGTGAT GTTTTGGAAA ATGAGACCAG TGGCTGGGAA TTTGAACATG	-
5051 ATTACCATTG AMAGACAAGG TGGAGAATAA ATCCTGGGAC ATGGAGAATG	2
5101 TGCTGGATAG GGTGGAAGGA GAAGAAGAAA ACTAAAGTCT TGGGAAGGAC	
5151 TGAGAACACT TGTGTGGTAA TTGTCAAGAG GGAAAGATAG TTCATTGAGG	3
5201 TTTAGGAAGA AAGAGGCAGG AACTGAATAT TATGAGATCA TCTAACAGCA	1
5251 GTATGCTTTA CTGTTAATGA CCAGCAAACA ATGTAAGAGA ACTAATGCTC	C
5301 ATTIGGAAGGT TGAATTTCTG TCCAGCTTCT TGTATTATGC AGTATGTGTT	Γ
5351 CATTTOGTTT TATACTCAGT GCTGTTCATC TTAGCTCTGT GAGATGCTTT	Γ
5401 GTTTTCTAG ATTTGCACCT CATATAAGAA GGAAAAGAAA TGTGTTGGGC	3
5451 AGTTGTTTTG TAGTGACAGA ATAATGTAAA TCATATGGGT ACCTTATGGT	Г
5501 TTTCCTTTCC TTGATTTAAT TTCTTTTTTA TTACAGAATA TCTGTTTTCT	
5551 GATTATTANG GAAAACTTAG GTAGAGCTCT GTGATTATGG TATATATGTT	
5601 TACAATAAAT TITATAATGA AGTIGTGACA TITITAAATT CTCTAAGTGT	
5651 TTCATAGATT TTGTGCTGAA AAGAAAACCA TTGTATACTT ATTTACTACA	Δ.
5701 TITATICATI TTATGGCTAT TTATTGTGCA ACTGCTATAT TTAATGCACT	r
5751 GTAAGCATTG GAGATACAGA GAGAAATAGG ACCCAATTCC TGCTTCAAAC	3
5801 CAGTATACAA TTAAGGAGAA AGACTAAAAC AAATGAATAT TATGGTAAAT	ī
5851 GCTATTAACT GGCAGCACAG AGTGCTGGAG GAATTAGAGG AGGGACACCT	Ė
5901 AACTAAATAT GGAGCTTGGT GGGGGTGGGG TGGATAGAAA GGAGTGGAG	
5951 TGACAGCACA TCATTTTCAG AGGTGTTGTT AACTGGCCTG AATTCTGGA	
6001 CCCCTTTTC AGCCAAAAGT TGAAATCACT AGTGGTGTGT GTTCGTATAA	~
6051 GGAAGACGAC TTCTGTTACT ATCTTTACGT ATTCTTGGTA ATACAAAAG	
6101 AAAAGATCTG GTGACCATAA TGTGGGGCAG AAGTAGAAAC ATAACTTAAT	
6151 CCTCTAGAGC CAGATAGATG TGCCAGTTCC CAGTTCAATC CTTTGAATAC	_
6201 TAGTAGCTGA CTCAACTTTG AACTTAAAGC TCAGAGACTC TCTTTTGCA	4
6251 TTATGTTTAC TTCTTAATGA AATTAGAGAC TCAGAAAAAA AGAAACCAAT	ļ
6301 ACTCACCCCA TAAAACATCT TCTTTTTAGT TAATACTTAA TATGTTGCCA	4
6351 GTAGACCCTC AAAAGCATTT GATTTTAAAT CTGTTTTGTT ATAACAAAAC	
6401 TTGGAACACT AGTTTCTCCA GGGTATGGTA AGTACATTCA TGTGGTTATA	
6451 TGGTTAGAGT ATTITTATIT ACTGCAAAAG AAAGCATGCC TTAACTTCTC	5
6501 TTACAAAGTA GTACAAAAAT AATTTTCTTT TCCTTCATAG TAGATGACAA	A
6551 AATTCCTAAA ACATTCCAGA ATTCCCTTAT TCATCTTGGA CTCAACACT/	
6601 TGAAGTCTGC AAATATATGT ATAGGTCGAC CAGTGTTGCT TACTAGTTTC	G
6651 AACGGAAAGC AAGAGGTAAG AGTCTTTTTC ATTTCCTTAG TTTAGAAATA	A
6701 CAAACTGAAC ATTGCAAATC CAAGAATCTA AACTCTGAAA TGCTTTTGAG	G
6751 TGCCATGGTA GTCAAAGGAA ATGCTCATTG GAACATTTTG GATTTCAGAT	Т
6801 TTGGGATGCT TAGCCAGTAA ACATAAGGCA AATATTCCAA AATGGAAAAT	Т
6851 TCAAAACGCT CCTGGTCCCA AACATTTTGG ATAAGGGATA CTCAACCTG	Т
6901 GTTTGAGATG TTTCTGATTT TAATTTTCAA CACAAGCAGG AATAAATGA	٨
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6951 AAACTGTATT TTAAAAGACA TTAACATGTA TATTAACTCT GTTCCTTTGC	Č

7001	TGTCTATGAC	TCTGCTGGGC	ATAGTAGCCC	CTAAAATGTT	ATGTAGAGAG
7051	AAGTGTTGCC	TCCGGCGATA	GTGACAGTAT.	TTCTCCCTGT	CAGTTAGTTA
7101	TATTICITIA	TAAAAAAT	ATTTTTGGGGG	TAAGAAGGTC	ACCTIGITICTIG
7151	TATATAAATA	TTTTACTATT	CTCCCTTGTT	TCAGCTGTTT	CTCCTTGCTG
7201	TCATTTTTCA	TACCTGAGAT	TCTAAGCCTG	GAACCTTTCC	TGGATCATTT
7251	TTGGCAGCTT	GCTTTCTTT	TCTGCTACCA	GCCCCTTATC	TTTCATGGCT
		CITCICIGAT			
		TGCTGATGGC			
		AGGTCCTTTA			
7451	GTGTGAGCTT	AAGCTAGAAA	TTTTCGCTCC	TCCCTCTTAA	CATTTAAATC
7501	TGATAAGACC	CAGGITICIGA	CAAAGCTCTT	GTCIGIGIC	CCTCACTATT
7551	TCCTGGATGT	AGTTTAATTT	CCAGGCTGGA	TTACTTTACA	AGTTATTTTG
7601	CCTTAATATT	TITGICATIT	TCTCATTATC	ACCTGTTAAT	GCCTTTATCT
7651	TTTTCATAT	ATTTTTCATA	TCTTCTACCG	TCTTCACTGT	GGGATCATTC
7701	TIGATCITTA	GAAAAAGATG	TAATATTTAT	TAAAAAGTTT	ATTTTTCATG
7751	AGCCCATGTA	GTATTTAAAT	TTTTTAAAAA	ATGCAATTTA	TCTTATTGCA
7801	ATTGGTATCA	GATTGTAACT	CTTTTIGGGT	AAAGACTGTA	TTTTGCATAT
7851	CTTAAGTGCT	TGACTGTGCT	TAGCATTCTA	CCTTATAAAT	TGATGGTATT
7901	CTATGAATAT	TTATTTTCTA	ACATTTTTAT	TTCCTCTGTC	TGGCAGGTGT
		GCCTATGGCA			
8001	GAAATGGCAC	AGAAAAATGT	GGGTGTGAGG	CCTGGTGATG	CCATCCAGGT
		GTGGGTGCTG			
8101	TGAGGTTTGG	CICITICIT	TGGTGACTAT	CTGGATCAAA	GCTGCCCAGT
		GAGTCACAAA			
		TTAAAAAGTA			
8251	TATGTTTTAT	TTAACCAGTA	TATATAAAA	TGTATTTTAA	CATGTAATTA
8301	TAAAAAATTA	CCAATAAGGG	CTGGGGGGGG	TGGCTTATGC	CTGTAATCTC
8351	AGCACTTTGG	GAGGCCGAGG	TGAGTGGATT	ACTTGAGCTC	AGGAGTTCAA
8401	GACCAACCTG	AGCAACATGG	CAAAACCCCTG	TCTCTACAAA	AAATACAAAA
		CTGGGCATGG			
8501	GAGGCTGAGA	CAGGAGGATT	GCTTGAGCCT	GGGAGGTGGA	GATTGCAGTG
8551	AGCTGGGATC	GCGCCACTGC	ACTCCAGCCT	GGGTGACAGA	GTGAGACTGT
8601	GTCTCAAAGA	AAAAAAAAAG	TTACCAATAA	GATATTTTGC	ATCCTTTTT
		TCTTCAAAAT			
		TAGCCCCATT			
8751	GGCTAGTGGC	CACTTGTGTT	ATATTAGACA	ACCCAAGCTA	AATGAGTGCT
		TAGACTAAGG			
		GGTGAGAGTA			
		CTTGCAGTGT			
		GATTACTGTG			
9001	TATGCAAGCA	AAGAACCTGA	TIGIAIAIII	IAACIIGIIG	ATTATICGAT
9051	TTAGTAAAAC	AAACGGTCAT	TACTATCAGA	IIIIAAAAIA	AICCCICACC
		TGTTTGAATC			
		GATATTCTAT			
		TCTCAAAAAT			
		AGTAATAGTT			
		TTTTCTAGTC			TTCCTTTATA
					AACAATAAAA
		ACAGGAGACA			
					ACCCTTTTCT
					ATTITATGAG
9601	GTAGTTAATA	GTACTGTTGA	GATTAAACTG	GATTATTCCT	CAGACTATGT
9651	CTTAAAATGG	TGCTACAGGT	AGCAGTAATT	GTIGACTIGG	AATTAGCATT
					GCAGTCTTAG
					TAAATGAAAG
		AAAATTTIGT			
					CCAGTTGGGA
					CTGTAAGATT
					TTATTTTATG
10001	TGCAACTATT	ATTTTTTAA	AAGCAAAATT	GGTTTGATAT	TTTACTGTT
10051	TTTACATGTA	TTTGTAAATA	CCTTCTATTC	AGAGTTTAAC	AAAAGCAATT
10101	TAAGTATAAC	TTGGTTTAGA	GTTCCATAAA	CAAAAGTAAA	TGTAAGCATT
10151	TAAGGAGATA	CATGCAATTT	TCTCATTAGT	TTATACATAT	ATTTGATTCA
10201	TGAAATTTCC	CCCTCATTGT	ATTICICIC	TGTTCTCTCT	TTTATATGAA
10251	TATATAGTTG	ATTCTCATTA	TTTGTGGTTA	GITATGITCT	ATTAAAGTTG
10301	CCTTGAACAC	CGTTAGCAAA	TACTGAACCA	TTTCTCCTAG	AGGGAAATAT
10351	GTATGTGTGT	GTATATACAT	ACATGCAACA	CACACAATAT	ATGTAGCGTA
10401	TGTATATATA	TATATATAT	ACATACACAC	ACATTTTACA	TAGATTATAA
10451	CCTTAAAACT	CCAAAGTAAT	TCTTTCTGGT	AGATTTTATT	TTCTTTATTT

10501 TACAAAACAG AAGAGGAGAT		
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10701 TIGGTAACATG GGTGTTGGGT		
10801 TTTTTGGGAG TTGGTAAATT	TCCAAATACA	CCATTCACAC CTATTCACCA
10851 TIGACTATAT TGTATTATTA	CTCATAAAAC	TOTAL AC ABBBBBBBBBBBBB
10901 NNNNNNNN NNNNNNNN		
10951 NNNNNNNN NNNNNNNN		
11001 NNNNNNN NNNNNNN		
11051 NNNNNNNN NNNNNNNN		
11101 NINNINNIN NINNINNINA		
11151 CCTCATCTCA AAAAAAAAA		
11201 CCAGATGGGC ACACAGGCAC		
11251 TATTTTTTGT AGAGATGAAT		
11301 CTCCTGAGCT CAAGCGGTCC	ACCCACCTCA	GCCTCCCAAA GTGCTGGGAT
11351 TACAGGCATG AGCCACCATG		
11401 AGCTAAACTG TCCCCCCTCC		
11451 TGTCTCCCCT CCTGATATGG		
11501 TICTICATIGTT CTGAGAACTC	CTCAAGAGCA	GATTICTITA TAAATGTATG
11551 ATATTTAGGT GTGTTCACTT		
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11651 TCTCCAGAAA AAAACCTTCA		
11701 CTGCCTTTTC AAGTAACATA		
11751 AATTIGTAAG TTATACTGAG	AGAGTGAAGT	AAGTTATTAA TTAGAGTCTT
11801 TCTCCAAGCT AGGCAACTTT	ATAAAGGGAA	TTATTAGTTT AGGTCAGCAT
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11901 TCTTTGTATA TACACATCCA		
11951 TGTATGTATG TGTTAGAAGT		
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12051 GAGGCTGACT GAAATGATTT 12101 TTAGGCCACT AAGGCACCAG	ATTOCAAATC	ATATTTICAT CCCTATATCT
12151 TTCTGAAAAA TGCCCATCAT		
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		ACCTITIGCAT TCTTGCCCCTT
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12651 TCCAGTGACA GATGCTATCT 12701 TTTAGTTTAT TATTGAATAT 12751 ATAGAATCTG AGATCTACTG	TGGAGTGTTG GGAATGCCTG AGTGTGGAGG	ACCTITICAT TCTTIGCCCTT GTTTIGGGTGT GCCATTTTCA GCTATTTIGTT GATGTGATTIG ATTTCAGAGA ATCATTTCCT
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12651 TCCAGTGACA GATGCTATCT 12701 TTTAGTTTAT TATTGAATAT 12751 ATAGAATCTG AGATCTACTG 12801 TCTGTCTCCA GATGGTGTTA 12851 GACAATTATT TTATTAATAC 12901 AGATGAAATA TATTGCTATT 12951 TAACATGTAT ATTTAATATA 13001 AGGCAACTTT CTGTATTGTA 13051 TATTGCGAGT GAAAGGGGCA 13101 GACTCTGACA CTGATGCCCA 13151 AACCAGTAGC CTGAGGTTAT 13201 ATACCAGTAGC CTGAGGTTAT 13201 ATACCAGTAGC CTGCAACATCA 13251 AGAATTACAA ATAAAGCCAG	TIGGAGTIGTTIG GGAATIGCCTIG AGTIGTIGGAGG TAGGGGGAATA TCTIGTCTTTIG TAAACATTAA CTIGTTTTCTIA CATTICTATIGG GATGGCATIGA AAGAATIGGCC CCTTACAGCT AGAAGTACTC TIGATIGTTTTIG	ACCTITIGCAT TICTITIGCCCTT GTTTIGGGTIGT GCCATTITICA GCTATTTIGTT GATIGTGATTIG ATTTICAGAGA ATCATTITICAT TITAGGTCCTC AATTTITTAT ATTTIAGTCTT TITCAGATAAT ACTIGGTAAAA AAAATTATGC GATGGCAAGA TIGTTTTACC ACGACCGTAC AAGCTIGCAAGT TATTIGGACAGT CCAGCATGGA TATTIGGACAGT CCAGCATGGA AAGCCCAGTTA GATCTIGGAGG CTTATAAAACC AATTIGATGAC CTIGGATITTA CACAGAGCCCC
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12651 TCCAGTGACA GATGCTATCT 12701 TTTAGTTTAT TATTGAATAT 12751 ATAGAATCTG AGATCTACTG 12801 TCTGTCTCCA GATGGTGTTA 12851 GACAATTATT TTATTAATAC 12901 AGATGAAATA TATTGCTATT 12951 TAACATGTAT ATTTAATATA 13001 AGGCAACTTT CTGTATTGTA 13051 TATTGCGAGT GAAAGGGGCA 13101 GACTCTGACA CTGATGCCCA 13151 AACCAGTAGC CTGGAGTTAT 13201 ATACCCAGAT CCCAACATCA 13251 AGAATTACAA ATAAAGCCAG 13301 TGGAGATGGC AGTGGACTTA 13351 ATTTTGAATC TGCCAGAGAA 13401 CTGCTAAAGT TCAGCATAGG 13451 TATTTTCTTCA ACAACAAGAG	TIGGAGTIGTTIG GGAATIGCCTIG AGTIGTIGGAGG TAGGGGAATIA TCTIGTICTTTIG TAAACATTAA CTIGTITTICTIA CATTICTATIGG GATGGCATIGA AAGAATGGCC CCTTACAGCT AGAAGTACTC TIGATIGTTTTIG TIGCTAGAGGA GGAAATGAGC AGCAAAGTIGC TCAATTTTAC	ACCTITIGCAT TICTIGCCCTT GTTTIGGTIGT GCCATTITICA GCTATTTIGTT GATIGTGATTIG ATTTCAGAGA ATCATTTCCT TTAGGTCCTC AATTTTTAT ATTTAGTCTT TTCAGATAAT ACTGGTAAAA AAAATTATGC GATGGCAAGA TTGTTTTACC ACGACCGTAC AAGCTGCAAG TATTGGAGAG GCCTCAGAGT TTTGAACAGT CCAGCATGGA AAGCCAGTTA GATCTGGAGG CTTATAAACC AATTGATGAC CTGGATGTTA CACCAGAGCCC AGTCACAGGT CTTAAATGTA AACTTACTGA AGAAGAGAGA AATACTGATA CTTTTTTATTT AGAGATTIGAT AAAAATTCAA
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14001	GCAGGTAATT	ACGGGAATGG	CTTGACTCAG	GAAACTCAGG	GCTTCTGCTG
14051	CATTGTTATT	GCCAAGATCC	TTTGCATATA	THIGCTIGTIGT	CTGATCTCTC
14101	TIGCTTTTTTC	CTTTCTCATA	AATCTTATAT	ATACATACAT	GTATGTATAT
14151	ATATGTATGT	GTAAAATGAA	CCCTTAGATT	GGCATTTTGC	TCATACTTAT
		TACTAGCAAA			
		GATTGGTGGC			
14301	TTOCATCATT	GATCIGIGIT	GIGIGGATG	GGGGGTTGCA	ACAATISTIGG
		пппппп			
		GAAAGTCATT			
		GAGGGGGAGA			
		ATTTTATAAC			
		GTAATGGTGA			
		CTAGAGGAGT			
14651	AACAATGATC	GCCAGGGCTG	TTGCTAATGA	AGTTGGAGCC	TATGTTTCTG
14701	TAATTAATGG	TCCTGAAATT	ATAAGCAAGT	AAGTACATGA	TTTAATAGAG
14751	TAAACTTACT	ATTAAATATA	TTTCTAAAAT	GTGGTTTTTA	AAAATGATTG
14801	TGTAGTATTC	TGTGTGATAT	TTTGTACACT	GAAATATTTT	GCTTCTTAAT
14851	AAAAATTGTT	TGGAAAATTC	TTTTTGAAAG	TAATTTTAAG	TATTATAGAA
		TTTAGGTTAG			
		TTAAATGTAT			
		TACGTCAGAT			
15051	ATTITIONAT	GTTTTGGAAT	TAATAATCAA	CCCTCTATTA	CTCAAACTGA
		CCTTATACAA			
		AAGTAGATTA			
		TTTGATAAAT			
		TTTGATAAGT			
		TAGGTGCTTA			
		ATTGTATGTA			
		AAAGGGACAA			
		GGCTCATGCC			
15501	AGGAGGATTA	CTTGACCCCA	GGAGTTTGAG	ACCAGCCTGG	GCAACATAGT
15551	GGGACCCTGT	CTGTTTAAAA	ATAAAAATAA	TTGGCTGGGT	GCGGTGGCTC
15601	ACGCCTGTAA	TCCCAGCACT	TTGGGAGACC	GAGGCAGGCA	GATCACCTGA
		TTGAGACCAG			
		AAAAATTAGC			
	GCTACTCGGG				
				((- \(\) \(\)	
15201	GTTGCAGTCA	CITCAGATCG	TOCCATTOCA	CTCCAGCATG	GGGGACAGA
15801	GTTGCAGTCA	GTTGAGATCG	TGCCATTGCA	CTCCAGCATG	GGGGACAAGA
15851	GTTGCAGTCA GCGAGACTTT	GTTGAGATCG GTCTCGAAAA	TGCCATTGCA AATAAAAATA	CTCCAGCATG AAAATAATTA	GGGGACAAGA GTTGGGCATG
15851 15901	GTTGCAGTCA GCGAGACTTT GTAGCACATG	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC	TGCCATTGCA AATAAAAATA CACCTACTAA	CTCCAGCATG AAAATAATTA GGAAGCTGAG	GGGGACAAGA GTTGGGCATG GCAGGAGGAT
15851 15901 15951	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG	TGCCATTGCA AATAAAAATA CACCTACTAA GCTGTAGTGA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA
15851 15901 15951 16001	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC	TIGCCATTIGCA AATAAAAATA CACCTACTAA GCTIGTAGTIGA ACCCCGTICTIC	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA
15851 15901 15951 16001 16051	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAACA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA	TIGCCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT
15851 15901 15951 16001 16051 16101	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTIGTAGTIGA ACCCCGTICTIC CATAGCCATA TICCTAATACT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA
15851 15901 15951 16001 16051 16101 16151	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTIGTAGTIGA ACCCCGTICTIC CATAGCCATA TICCTAATACT AGTIGATICCTIC	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA
15851 15901 15951 16001 16051 16101 16151 16201	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTIGTAGTIGA ACCCCGTICTIC CATAGCCATA TICCTAATACT AGTIGATICCTIC CCACCATIGCC	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTTT
15851 15901 15951 16001 16051 16101 16151 16201 16251	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGTCTT	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT	GGGGACAAGA GITGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC
15851 15901 15951 16001 16051 16101 16151 16201 16251 16301	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT	TGCCATTGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAGAAATGC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTAATTTT CTTGAACTCC TGGCTGTCTT
15851 15901 15951 16001 16051 16101 16151 16201 16251 16301	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT	TGCCATTGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAGAAATGC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTAATTTT CTTGAACTCC TGGCTGTCTT
15851 15901 15951 16001 16051 16101 16151 16201 16251 16301 16351 16401	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGATT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTTT AGCAGTTTTT
15851 15901 15951 16001 16051 16101 16151 16201 16251 16301 16351 16401	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGATT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTTT AGCAGTTTTT
15851 15901 15951 16001 16051 16101 16151 16201 16301 16351 16401 16451	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCT AACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAGAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC AGATGAAGTA CTAGTGGTAC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTAATTTT CTTGAACTCC TGGCTGCTT CCACCATTT AGCAGTTTT ACCCTTATTGT
15851 15901 15951 16001 16051 16101 16151 16201 16351 16351 16401 16451 16501	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCT ATCATAACTA ATTTTTTCCCG CTGTACTGAA TTTGTTGTTG	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAAAATC ATCAGAAAAC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG GGCAGTTGAG	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTT AGCAGTTTT AGCAGTTTT AGCAGTTTTT ACCTTATTGT ATTTCCTTCT
15851 15901 15951 16001 16051 16101 16251 16201 16351 16451 16451 16501 16551	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CTCTAGCCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCT ATCATAACTA ATTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAAAATC ATCAGAAAAC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GCCAGTTGAG ATTGATGATC AGATGAATAC AGATGAAGTA CTAGTGGTAC GCCAGTTGAG ATTGATCATC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT TTGCAAGTTT
15851 15901 15951 16001 16051 16101 16251 16251 16301 16451 16451 16501 16551 16601	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCA ATCATAACTA ATTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGAT CCCAAAATC ATCAGAAAAC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GCCAGTTGAG ATTGATCATC TTTCTAGTTT	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTGT
15851 15901 15951 16001 16051 16101 16151 16201 16351 16401 16451 16501 16551 16601 16651	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTCAAACC	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTTTTCCCG CTGTACTGAA TTTGTTGTTGT GGTTTAAAAA TGCTCCAAGG	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTTT CTTGAACTCC TGGCTGTCTT AGCAGTTT AGCAGTTTT AGCAGTTTT AGCAGTTTT ATTTCCTTCT TTGCAAGTTT ATTTCCTTCT TTGCAAGTTT ATTTCCTTTT CTTCTGAATT
15851 15901 15951 16001 16051 16101 16151 16201 16351 16401 16451 16501 16651 16601 16651	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAA AGTCCTAGTA ATTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA	TIGCATTIGCA AATAAAAATA CACCTACTAAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA ATTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAAAATC ATCAGAAAAC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CTGGGGAGAG	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTATTTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTT ATGTCCTTTG CTTCTGAATT TTCTTAAGAG
15851 15901 15951 16001 16051 16101 16151 16201 16351 16401 16451 16501 16601 16651 16701 16751	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGGAGAAT TTATTTTAAT TGTTCAAACC GATCCAGTCA ACTCTTATCT	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTTCCCG CTGTACTGAA TTTTTTTTTT	TIGCATTIGCA AATAAAAATA CACCTACTAAA GCTGTAGTGA ACCCGTCTC CATAGCCATA TCCTAAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA TATGGGCATTA ATACTCTACT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTAATTT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTAATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT TTTCTGAATT TTTCTGAATT TTTCTGAATT TTCTTAAGAG GCCTTTTAAT
15851 15901 15951 16001 16051 16101 16251 16201 16351 16401 16451 16601 16651 16601 16751 16701	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATTCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGGAGAAT TTATTTTAAT GTTTCAAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	TIGCATTIGCA AATAAAAATA CACCTACTAAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGGAA TAACAGGGCA GATAGTATTA ATACTCTACT TATGAAGTTA TATGAAGTTA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTAGT	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTCT TTGCAAGTTT ATGTCCTTTCT TTGCAAGTTT ATGTCCTTTCT TTGCAAGTTT ATGTCCTTTT ATGTCCTTTCT TTGCAAGTTT ATGTCCTTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTTT ATGTCCTT ATGTCCTT ATGTCCTT ATGTCCT ATGTC
15851 15901 15951 16001 16051 16101 16151 16201 16351 16401 16451 16601 16651 16751 16701 16751 16801 16851	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTATGCT GTGAGAGAAT TTATTTTAAT GTTTCAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA AGATGAATC	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	TIGCATTIGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTA ATACTCTACT TATGAAGTTA TATGAAGTTA TATGAAGTTA TAGCTTAACA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGGTAC GGCAGTTGAG ATTGATCATC TTTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAATTACCCA GTGAATTACTC TTATAATATC	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TTGTAACTTCT CCACCATTTT AGCAGTTTGT ACCTTATTGT ACTTTCTTTT AGCAGTTTGT ATTTCCTTCT TTGCAAGTTT ATTGCCTTTG CTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT
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15851 15901 15951 16001 16051 16101 16151 16201 16251 16301 16451 16601 16651 16751 16801 16751 16801 16751 17001 17051 17101 17101 17101 17251 17301 17351	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATTCTAAATTC GCTGGAACTA TTTTCTAGCA TGGGCTCAAG GGTGTTTAAT TGAAGTTTAT AGTCCTAGTA TTAGTTATCT GGAGGACAT TTATTTTAAT GTTTCAAACC AACTCTTATCT GGAGGCAGA AGATGAATC TAAGTGAATT CTAAGTGAAAT TCTAAGTGAAAT TTACTCTTA TTATTGATTCT ACTATTGAAC ATTACTTAGT ACTATTGAAT TTAGCCATAG ATTACTTAGT GCATAGAAA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA TAGGTGAGCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTAAAAA TGCTCCAAGG TAACAACTTA TTTAAGCAGC TAGAATAGAA	TGCCATTGCA AATAAAATA CACCTACTAA GCTGTAGTGA ACCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCT CGCCCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATTTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT TATGAAGTTA ATACTCTACT TATGAAGTTA TAGCTTAACA TATGTTGCAT AATATAGATG ATTATTTTA CAGAATGAA ATGCTTTGA ATTATTTTTA CCAGAATGAA ATGCTTTATA CAGAATGAA ATGCTTTATT CTTTGGATAT AAAGATCTGT ACAACATCAT TGATGGATTT TGATGGATTT ACAACATCAT TGATGGATTT TGATGGATTT ACAACATCAT TGATGGATTT	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAAAATGC ATCAGAAAAC AGATGAAGTA CTAGTGAGTAC GGCAGTTGAG ATTGATCATC TTCTAGTTT CTGGGCGTAGG CAATTACCCA GTGAATTACT TTCTAGTTT CTGGGGGAGAG CAATTACCCA GTGAATTACT TTCAGTTAAA AGAGATTTCA TTGATGAGCT GTGGAAAAAA TTCAGTAAAG TTCAGTAAAA AAAATAATTT AACCTGGCAG ATTTTGTGAT	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ACTTATTGT ATTTCCTTCT TTGCAAGTTT ATGTCCTTTG CTTCTGAATT ATGTCCTTTG CTTCTGAATT ATGTCCTTTG CTTCTGAATT ATGTCCTTTG CTTCTGAATT ATGTCCTTTG CTTCTGAATT ATGTCCTTTG CTTCTGAATT TTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT AAAATTAAAA TTTTACTTGT GGGTGCACTT GAGTGCACTT GAGTGGTAAAA AGCATTAGTAG GTTTTTTCTA AAATTGCTGTT
15851 15901 15951 16001 16051 16101 16201 16251 16301 16351 16401 16451 16601 16651 16601 16701 16851 16901 17001 17051 17101 17151 17201 17351 17301 17351 17401	GTTGCAGTCA GCGAGACTTT GTAGCACATG CACTGAGCTG CACTGAGCTG CACTGAGCTG CACTGAGCTG AATCAAAACA GACCAAGTTA ATCTAAATTC GCTGGAACTA TTGAGTTTAAT TGAGGTTAAT TGAGGTTAAT TGAGGTTAAT TGAGGTTAAT TGAGGTTAAT TGAGGAGAAT TTATTTTAAT GTTCAACC GATCCAGTCA ACTCTTATCT GGAGGGCAGA ACTCTTATCT GGAGGGCAGA ACTCTTATCT TCAAGTGAAT CTAAGTGAAT TCACTCTTA TATTGATTCT ACTATTGAT TTACCCATAG ATTACTTAGT GCATAAAA AGCTTTAAAA AGCTTTAAAA	GTTGAGATCG GTCTCGAAAA CCTGTAGTCC GGAGATCAAG GGCAACACAC GTGGTAGAGA TAGACCAATA CCTGAGCTCA ACAGGGTCTT CCATTCTCCT ATCATAACTA TTTTTTCCCG CTGTACTGAA TTTGTTGTTG TCACATCTGT GGTTAAAAA TGCTCCAAGG TAACACTTA TTTAAGCAGC TAGAATAGAA	TGCCATTGCA AATAAAAATA CACCTACTAA GCTGTAGTGA ACCCCGTCTC CATAGCCATA TCCTAATACT AGTGATCCTC CCACCATGCC GCTATGTTGG GCCTCAGCCT CTGCTCTTGA CAATGATAGT AATHTGAAAA TTGTGTTCAT TTATGGGAGA TAACAGGGCA GATAGTATCT ATGGGCATTAC ATGGTGATCT TATGGAGTTA TAGGTTAACA TATGTTGCAT AATATAGATG AATATAGATG AATATAGATG AATATAGATG AATATAGATG AATATTTTAA CCAGAATGAA ATGGCATTGAA ATGGCATTGAA ATGGCATTGAA CAGGAATGAA ATGGCATTGAA TGGTGATAT CTTTGGATAT CTTTGGATAT AAAACATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACACCATCAT TGATGGATTT ACATCAGTAA	CTCCAGCATG AAAATAATTA GGAAGCTGAG GCCATGATTT AAAAACAAAC TTATGAGTGA CATTACAGTG CCCCTGTAGC CAGCTGATTT CCAGGCTGGT CCCAAAATGC ATCAGGAAAAC AGATGAAGTA CTAGTGAGTAC GGCAGTTGAG ATTGATCATC TTCTAGTTT CTGGCCTCAG CTGGGGAGAG CAGTTACCCA GTGAATTACCCA GTGAATTACCCA GTGAATTACCT TTCTAGTTTAA AGAGATTTCA TTCAGTTAAA AGAGATTTCA TTCAGTTAAA AGAGATTTCA TTCAGTTAAA AGAGATTTCA TTCAGTTAAA AGAGATTTCA TTTAGGATAA AAAATAATTT AACCTGGCAG ATTTTGTGAT GGAAGATTTA GGAAGATTTA GGAAGATTTTA GGAAGATTTTA GGAAGATTTTA ACCTTGGCAG ATTTTGTGAT GGAAGATTTTA GGAAGATTTA GGAAGATTTTA GGAAGATTTA GGAAGATTTTA GGAAGATTTA GGAAGATTTTA GGAAGATTTA GGAAGATTA GGAAGATTTA GGAAGATTTA GGAAGATTTA GGAAGATTA GGAAGATTTA GGAAGATTA	GGGGACAAGA GTTGGGCATG GCAGGAGGAT CACTGCTGCA AAACAAGCAA CGTTACGTTT TAACATTGAA CTCCCAAGTA TIGTATTTT CTTGAACTCC TGGCTGTCTT CCACCATTTT AGCAGTTTGT ACCTTATTGT ACTTATTGT ATTTCCTTCT TTGCAAGTTT ATTTCCTTCT TTGCAAGTTT ATTTCCTTTGT ATTTTCTTAAGAG GCCTTTTAAT ATTTTGGGCT TTTATAATAT AAAATTAAAA TTTTACTTGT GGATGCACTT GAGTTGTGGC ATAGCACTAG AGTGGTAAAA AGGAAAAATA GCTTTAGTAG GTTTTTTCTA AAATTGCTGTT GAGTTGTAGTAG GTTTTTTCTA AAATTGCTGTT GAGTTGTAAAT GCAGTTAAAT

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	CAG GTTCAAGCGA TTCTCCTGCC TCAGCCTCCT
17601 GAGTAGCTGG GACTACA	GC ATGCACCATC ACACCTGGCT AATTTTTTT
17651 TAAATCTTCT TAGTAGA	SAT GGGGTTTCAC CATGTTGGCC AGGCTGGTCT
17701 CGAACTCCTT ACCTTGTC	CAT CTACCCGCCT TGGCCTTCCA AAGTGCTGGG
	CTA CATCTGGCCT TAGGGGTTTT TATTAAGAAA
	ATT ACCCATGTAC AAATGGACTC TITCAAGGCT
	MG AAAGTGAGAA TAATGCGAAA TGTTTTGTAT
	ITA TICATATTAC CAGATTCTCT CATAGGGGAT
	TT TITTTTTT TTTTTTGAG ACAGAGTTTC
	TGG AGTGCAATGG CACAATCTCG GCTCACCGCA
	TCA AGCAATTCTC CTGCCTCAGC CTCCCGAGTA
	STA CCACCACGCC TGGCTGATTT TGTATTTTTA
	CCA TGTTCAGGCT GGTCTCGAGC TCCTGACCTC
	OGG CCTCCCAAAG TGCTGGGATT ACAGGCGTGA
	3GA TATISTICTIT TATTAATAAA AACTATATGC
	ITC ATAGGACTAA TAAGAGAATA GGCATGAACA
	CTG ACATCCATTA ATTAGAAAAA TACACTTTTC
	AGT AAAGTTTITA GAATCATAAT ATGTTAGAAC
	ATT ATGTAGTATC AAGCCTCTTT TGCACATTAA
	ATT TITTITITI TATACITTAA GITTTAGGGT
	AGG TTAGTTACAT ATGTATACAT GTGCCATGAT
18601 GGTGTGCTGC ACCCATTA	VAC TOGTOGTITA GCATTAGTTA TATCTCCTAA
18651 TECTATCCCT CECCCCTC	CCC CCAACTCCAC AACAGGCCCC AGAGTGTGAT
18701 GGTCCCCTTC CTGTGTCC	CAT GIGITCICAT IGITCAATIC CCATCTATGA
18751 GTGAGAACAT GCAGTGTT	TTG GTTTTTTGTC CTTGCGATAG TTTGCTGAGA
18801 ATGATGATTT CCAGTTTC	CAT CCATGTCCCT GTAAAGGACA TGAACTCATC
18851 ATTITITATG GCTGCATA	ACT ATTCCACGGT GTACATGTGC CCAATTTTCT
	CCG GGACATTIGG GTTGGTTCCA AGTCTCTGCT
	AAT AAACATACGT GTGCATGTGT CTCTATACCA
	TTG AGTATATACA CAGTAATGCG ATGGCTGGGT
	TCT AGACTICCTGA GGAATCGCCA CACTGACTTC
	TCT ACACGTCCAC CAACAGTGTA AAAGCGCTCC
	TCT AGCACCTGTT GTCTCCTGAC TTTCTAATGA
	SIG AGATGGTATC TCATTGTGGT TTTGATTTGC
	IGA TGATGAGCAT TTTTTCATGT GTCTTTTGAC
	IGA IGAIGAGCAI IIIIICAIGI GICIIIIGAC
	THE ACAACTICT CITYCATATIC TITICCCCACT
	CTG AGAAGTGTCT GTTCATATCC TTTGCCCACT
19351 TTTTGATGGG GTTGTTTG	ST TITTCTIGT AAATTIGTIT GAGTICATIG
19351 TTTTGATGGG GTTGTTTC	GIT TITTICTIGT AAATTIGITT GAGTICATIG
19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG	GIT TITTICTIGI AAATTIGITT GAGTICATIG CCC TITGICAGAT GAGTAGGTIG CGAAAATTIT CCC TGITCACTCT GATGGTAGIT TCTTTTGCTG
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19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGTI 19551 GTTGCCATTG CTTTTGG 19601 GTCCTGAATG GTAATGGG 19651 GTCTAACGTT TAAGTCTG 19701 GTAAGGAAGG GATCCAGG 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTT CTGTTCCA 19901 ATGCTGTTTG GTTACTG 19951 TGATGCCTCC AGCTTTGT 20001 GCTCCTTTTT TGGTTCCA 20051 TGAAGAAAGT CATTGGTA	GIT TITTICTIGI AAATTIGITT GAGTICATIG CCC TITGICAGAT GAGTAGGTIG CGAAAATTIT CCC TGITCACTCT GATGGTAGTT TCTTTTIGCTG ITA ATTAGATCCC ATTTGTCAAT TITTGGCTTTI IGT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTTCTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTTG AATTAATTIT TGTATAAGGT ITT CAGCTTTCTA CATATGGCTA GCCAGTTTTC TAGA ATAGTTGTAG ATATGTGGCA TTATTTCTGA TATT GATCTATATC TCTGTTTTGG TACCAGTACCA TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TTC TTTTGGCTTA GGATTGACTT GGTGATGCGG ATA TGAACTTTAA AGTCGTTTTT TCCCAATTCTG AGC TTGATGGGGA TGGCATTGAA TCTATAAATT
19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGTI 19551 GTTGCCATTG CTTTTGG 19601 GTCCTGAATG GTAATGGG 19651 GTCTAACGTT TAAGTCTG 19701 GTAAGGAAGG GATCCAGG 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTT CTGTTCCA 19901 ATGCTGTTTG GTTACTG 19951 TGATGCCTCC AGCTTTGT 20001 GCTCCTTTTT TGGTTCCA 20051 TGAAGAAAGT CATTGGTA	GIT TITTICTIGT AAATTIGITT GAGTICATIG CCC TITIGTCAGAT GAGTAGGTIG CGAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTIGCTG ITA ATTAGATCCC ATTTIGTCAAT TITTIGGCTTT IGT TITTAGACATIG AAGTCCTTAC CCATGCCTAT CTA GGTTTTCTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTTIG AATTAATTIT TIGTATAAGGT ITT CAGCTTTCTA CATATGGCTA GCCAGTTTTC CAG ATAGTTGTAG ATATGTGGCA TTATTTCTG CAG ATAGTTGTAG ATATGTGGCA TTATTTCTG ATT GATCTATATC TCTGTTTTGG TACCAGTACC ITAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA ITC TITTIGGCTTA GGATTGACTT GGTGATGCGG ATA TGAACTTTAA AGTCGTTTTT TCCAATTCTG
19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGTI 19551 GTTGCCATTG CTTTTGG 19601 GTCCTGAATG GTAATGGG 19651 GTCTAACGTT TAAGTCT 19701 GTAAGGAAGG GATCCAGT 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGT CAAAGATG 19851 GGGCTCTGTT CAAAGATG 19951 TGATGCCTCC AGCTTTG 19901 ATGCTGTTTG GTTACTG 19951 TGAAGAAAGT CATTGGTACAGT 20001 GCTCCTTTTT TGGTTCCA 20101 ACCTTGGGCA GTGTGGCC	GIT TITTICTIGI AAATTIGITT GAGTICATIG CCC TITGICAGAT GAGTAGGTIG CGAAAATTIT CCC TGITCACTCT GATGGTAGTT TCTTTTIGCTG ITA ATTAGATCCC ATTTGTCAAT TITTGGCTTTI IGT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTTCTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTTG AATTAATTIT TGTATAAGGT ITT CAGCTTTCTA CATATGGCTA GCCAGTTTTC TAGA ATAGTTGTAG ATATGTGGCA TTATTTCTGA TATT GATCTATATC TCTGTTTTGG TACCAGTACCA TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TTC TTTTGGCTTA GGATTGACTT GGTGATGCGG ATA TGAACTTTAA AGTCGTTTTT TCCCAATTCTG AGC TTGATGGGGA TGGCATTGAA TCTATAAATT
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19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGTT 19551 GTTGCCATTG CTTTTGGT 19601 GTCCTGAATG GTAATGCCT 19651 GTCTAACGTT TAAGTCTT 19701 GTAAGGAAGG GATCCAGT 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTTT CTGTTCCC 19901 ATGCTGTTTG TTACTGT 199051 TGATGCCTCC AGCTTTGT 20001 GCTCCTTTTT TGGTTCCC 20101 ACCTTGGGCA GTGTGGCC 20151 GCATGGAATG TTCTTCCC 20201 GTAGTTTGTA GTTCTCCC	GIT TITTICTIGT AAATTIGITT GAGTICATIG CCC TITGICAGAT GAGTAGGTIG CGAAAATTIT CCC TGITCACTCT GATGGTAGTT TCTTTTGCTG ITA ATTAGATCCC ATTTGICAAT TITTGGCTTIT IGT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTTCTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTIG AATTAATTIT TGTATAAAGT ITT CAGCTTTCTA CATATGGCTA GCCAGTTTTC ATA GGGAATCCTT TCCCCATTGC TTGTTTTTGT CAG ATAGTTGTAG ATATGTTGGA TACCAGTACC ITAG CCTTGTAGTA TAGTTTGAAG TACCAGTACCA ITC TITTGGCTTA GGTTGACTT GGTGATGCGG ATA TGAACTTTAA AGTCGTTTTT TCCCAATTCTG AGC TTGATGGGGA TGGCATTGAA TCTATAAATT CAT TITCACGATA TTGATTCTTC CTACCCATGA ATT TCTTTGTATC CTCTTTTATT TCATTGAGCA
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19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGTT 19551 GTTGCCATTG CTTTTGGG 19601 GTCCTGAATG GTAATGGG 19651 GTCTAACGTT TAAGTCTG 19701 GTAAGGAAGG GTATCCAGG 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTT CTGTTCCA 19901 ATGCTGTTTG GTTACTGT 19901 ATGCTGTTTG GTTACTGT 20001 GCTCCTTTTT TGGTTCCA 20101 ACCTTGGGCA GTGTGGCA 20151 GCATGGAATG TTCTTCCA 20201 GTAGTTTGTA GTTCTCCA 20201 GTAGTTTTGTA GTTCTCCA 20201 GTAGTTTGTA GTTCTCCA 20201 GTAGTTTTGTA GTTCTCA 20201 GTAGTTTTGTA GTTCTCCA 20201 GTAGTTTTGTA GTTCTCA 20201 GTAGTTTTGTA GTTCTCA 20201 GTAGTTTTGTA GTTCTCA 20201 GTAGTTTGTA GTTCTA 20201 GTAGTTTTGTA GTTCTC	GIT TITTICTIGT AAATTIGITT GAGTICATIG CCC TITIGTCAGAT GAGTAGGTIG CGAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTGCTG ITA ATTAGATCCC ATTIGTCAAT TITIGGCTTTT IGT TITIAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTICTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTTG AATTAATTIT TGTATAAGGT ITT CAGCTTTCTA CATATGGCTA GCCAGTTTTC ATA GGGAATCCTT TCCCCATTGC TTGTTTTGT CAG ATAGTTGTAG ATATGTGGCA TTATTTCTGA ATT GATCTATATC TCTGTTTTGG TACCAGTACC ITAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA ITC TTTTGGCTTA AGTCGTTTTT TCCAATTCTG AGC TTGATGGGGA TGGCATTGAA TCTATAAATT CAT TTTCACGATA TTGATTCTTC CTACCCATTGA ATT TCTTTGTATC TCACGTCCCT TGTAAGTTGGCA ITT TCTTTGTATC TCACGTCCCT TGTAAGTTGGT ITT GTTTGTATC TCACGTCCCT TGTAAGTTGGT ITT GTTTGTAGCA ATTGTGGATG GAGTTCACT ITT GTCTGTTATC GGTGTATAAG AATGCTTGTG ITT GTCTGTTATC GGTGTATAAG AATGCTTTGTG ITT GTCTGTAGGTG GGGTTTTCTA GATATACAAT
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19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGT 19501 GTCAGAAGCT CCTTAGT 19551 GTTGCCATTG CTTTTGG 19601 GTCCTGAATG GTAATGCG 19651 GTCTAACGTT TAAGTCTG 19701 GTAAGGAAGG GATCCAGT 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGT CAAAAGATG 19851 GGGCTCTGTT CTGTTCCA 19901 ATGCTGTTTG GTTACTG 19901 ATGCTGTTTG GTTACTG 20001 GCTCCTTTTT TGGTTCCA 20001 GCTCCTTTTT TGGTTCCA 20101 ACCTTGGGCA GTGTGGCG 20151 GCATGGAATG TTCTTCCA 20201 GTAGTTTGTA GTTCTCCC 20201 GTAGTTTGTA GTTCTCCC 20301 CATGATTTGG CTCTCTGT 20351 ATTTTTTGTAC ATTTTTTCATT 20401 AGCTTAAGGA AGTTTTGC 20451 CATGTTGTCT GCAAACAC 20501 TACCCTTTAT TTCCTCCC 20501 TACCCTTTAT TTCCTCCCC 20501 TACCCTTTAT TTCCTCCCCC 20501 TACCCTTTAT TTCCTCCCCC 20501 TACCCTTTAT TTCCTCCCCCCCCCCCCCCCCCCCCCC	GIT TITTICTIGT AAATTIGITT GAGTICATIG CCC TITIGTCAGAT GAGTAGGTIG CGAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTIGCTG ITA ATTAGATCCC ATTTGTCAAT TITTGGCTTTT IGT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTTCTTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTTG AATTAATTIT TIGTATAAGGT ITT CAGCTTTCTA CATATAGGTA GCCAGTTTTC AGA ATAGTTGTAG ATATGTGGCA TTGTTTTTGT CAG ATAGTTGTAG ATATGTGGCA TTGTTTTGTA ATT GATCTATATC TCTGTTTTGG TACCAGTACC ITAGTGAGTA TAGTTTGAAG TCAGGTAGCA ITC TITTGGCTTA GGATTGACTT GGTGATGCGG ATA TGAACTTTAA AGTCGTTTTT TCCAATTCTG AGC CTTGTAGGAA TTGATTCTTC CTACCCATGA ATT TCTTTGTATC CTCTTTTATT TCATTGAGCA ITT TCTTTGAGCA ATTGTGAATG GGAGTTCACT ITT GACCAGTG GGGTTTTCTA GATATACAAT ITT TATCCTGGGA CTTTGCTGAA GTTGCTTATC GGG ACAATTTGAC TTCCTCTTTT CCTAACTGAA ITT CTTGAGCAGTG GGGTTTTCTA GATATACAAT ITT CAGCAGAGGG CATCCCTGTC TTGTGCCAGT ITT GAGAGAGAGGG CATCCCTGTC TTGTGCCAGT ITT TGCCAGTTGC CATCCCTGTC TTGTGCCAGT ITT TGCCAGTTGC CATCCCTGTC TTGTGCCAGT ITT TGCCAGTTGC CATCCCTGTC TTGTGCCAGT ITT TGCCAGTTGC CATCCCTGTC TTGTGCCAGT ITTGTGCCAGT ITTGTGCCAGT ITTGTGCCAGT ITTTTGCCCAGT ITTGTGCCAGT ITTGTGCCAGT ITTTTGCCCAGT ITTGTGCCAGT ITTGTCCAGT ITTGTGCCAGT ITTGTGCC
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19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGT 19551 GTTGCCATTG CTTTTGG 19601 GTCCTGAATG GTAATGGG 19651 GTCTAACGTT TAAGTCTG 19701 GTAAGGAAGG GATCCAGG 19751 CCAGCACCAT TATTAAA 19801 CAGGTTTGT CAAAGATG 19851 GGGCTCTGTT CTGTTCCA 19901 ATGCTGTTTG GTTACTG 19951 TGATGCCTCC AGCTTTGT 20001 GCTCCTTTTT TGGTTCCA 20051 TGAAGAAAGT CATTGGTA 20151 GCATGGAATG TTCTTCCA 20251 ATTCCTAGGT ATTTTATA 20301 CATGATTTGA GTTCTCCC 20251 ATTCCTAGGT ATTTTATA 20301 CATGATTTGA ATTGATT 20401 AGCTTAAGGA AGTTTTGC 20451 CATGTTGTCT GCAAACAC 20451 CATGTTGTCT GCAAACAC 20501 TACCCTTTAT TTCCTCCT 20551 ACTATGTTGA ATAGGAGT 20651 TGGGTTTGTC ATAGGAGT 20651 TGGGTTTGTC ATAGGAGT 20651 TGGGTTTGTC ATAGGAGT 20701 CCTAATTTAT TGAGAGT	GIT TITTICTIGT AAATTIGITT GAGTICATIG CCC TITIGTCAGAT GAGTAGGTIG CGAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTIGCTG ITA ATTAGATCCC ATTTGTCAAT TITTGGCTTTT ITT TITTICTC TAGGGTTTTT ATGGTTTTAG ITA ATCCATCTIG AATTAATTIT TIGTATAAGGT ITT CAGCTTTCTA CATATAGGTAGTA GCCAGTTTTC CAG ATAGTTGTAG ATATTGGCA TIGTTTTGT CAG ATAGTTGTAG ATATTGGCA TIGTTTTGT CAG ATAGTTGTAG ATATTGGCA TIGTTTTGT CAG CCTTGTAGTA TAGTTTGAG TACCAGTAGCA ITC TITTGGCTTA GGATTGACTT GGTGATGCGA ITC TITTGGCTTA AGTCGTTTTT TCCCAATTCTG CAG TTGATGGGGA TIGATTTTT TCCAATTCTG CAG TTGATGGGGA TIGATTCTTC CTACCCATGA ITT TCTTTGTATC CTCTTTTATT TCATTGAGCA ITT TCTTTGTATC CTCTTTTATT TCATTGAGCA ITT GTCTGTTATC GGTGTATAAG AATGCTTGTG ITT GTCTGTTATC GGTGTATAAG AATGCTTGTG ITT TATCCTGGGA CTTTGCTGAA GTTGCTTATC GGC TGAGACAGTG CGTTTTCTA GATATACAAT GGG TGAGACAGTG CTTTCCTCTTTT CCTAACTGAA ITC TGCCTGGATTG CCCTGGCCAG AACTTCCAAC ITC TGCCTGATTG CCCTGGCCAG AACTTCCAAC ITC TGCCTGATTG CCCTGGCCAG AACTTCCAAC ITC TGAGAGAGGG CATCCCTGT TTGTGCCCAGT ITT TAGCATGAAG GTTGTTGAAT TTTGTCCAACG ITT TAGCATGAAG GTTGTTGAAT TTTGTCCAACG ITT TAGCATGAAG GTTGTTGAAT TTTGTCCAACG ITT TAGCATGAAG GTTGTTGAAT TTTTGTCCAAAG ITT TAGCATGAAG GTTGTTGAAT TTTTGTCCAACG ITT TAGCATGAAG GTTGTTGAAT TTTTTTTTTTTTTTT
19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGT 19501 GTGCTGAATG GTAATGGG 19601 GTCCTGAATG GTAATGGG 19601 GTCTGAATG GTAATGGG 19601 GTCTAACGTT TAAGTCTT 19701 GTAAGGAAGG GATCCAG 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTT CTGTTCGA 19901 ATGCTGTTTG GTTACTGT 19901 ATGCTGTTTG GTTACTGT 20001 GCTCCTTTTT TGGTTCGA 20101 ACCTTGGGCA GTTGGGCG 20151 GCATGGAATG TTCTTCCA 20201 GTAGTTTGA GTTCTCCC 20251 ATTCCTAGGT ATTTTATT 20301 CATGATTTGA GTTCTCCC 20251 ATTCCTAGGT ATTTTATT 20401 AGCTTAAGGA AGTTTTGC 20501 TACCCTTTAT TTCCTTCC 2051 ACCTTTTAT TTCCTTCC 2051 TACCCTTTAT TTCCTTCCTC 2051 TGGGTTTGC ATAGGAGT 20601 TTCAAAGGG AATGCTTC 20601 TTCAAAGGG AATGCTTC 20701 CCTAATTTAT TGAGAGTT 20701 CCTAATTTAT TGAGAGTT 20751 GCCTTTTCTG CATCTATT	GIT TITTICTIGI AAATTIGITT GAGTICATIG CCC TITIGICAGAT GAGTAGGTIG CGAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTGCTG TIA ATTAGATCCC ATTTGTCAAT TITTGGCTTTT GIT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTCTTC TAGGGTTTT ATGGTTTTAG TITA ATCCATCTTG AATTAATTIT TIGTATAAGGT TIT CAGCTTTCTA CATATGGCTA GCCAGTTTTC ATA GGGAATCCTT TCCCCATTGC TTGTTTTGT CAG ATAGTTGTAG ATATGTGGCA TTATTTCTGA TIT GATCTATATC TCTGTTTTGG TACCAGTACC TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TITTTGGCTTA AGTCGTTTTT TCCAATTCTG TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TITTTGATGGGGA TGGCATTGAA TCTATAAATT CAT TTTCACGATA TTGATTCTTC TCTACCATTGA TITTTATCAGGAA ATTGTGCATT GGAGTTCACT TITTTGTATCC CTCTTTTATT TCATTGAGCA TITTTGATGAGCA ATTGTGCATT GGAGTTCACT TITTTGTTATC CTCTTTTATT TCATTGAGCA TITTTGATGAGCA ATTGTGCATT GGAGTTCACT TITTTGTTATC GGTGTATAG AATGCTTGTG TTGTTGAGCA ATTGTGCATT GGAGTTCACT TTTTGTGTTACC GGTGTATAG AATGCTTGTG TTGTTGAGGGA CATCCCTTTTT TCCTAACTGAA TCC TGCCTGATTG CCCTGGCCAG AACTTCCAAC TGC TGCCTGATTG CCCTGGCCAG AACTTCCAAC TGCA GGTTTTGCTT TTGGGTTCT TTTGCCAGTAG TTTTAGCATGAAG GTTGTTGAAT TTTGTCCAACG TGCA GATAATCATT TGAGATATGT CCCTACATTA TTTTTTTTTTTTTTTTTTTTTTTTTTT
19351 TTTTGATGGG GTTGTTTG 19401 TAGATTCTGG ATATTAGG 19451 CTCCCATTCT GTAGCTTG 19501 TGCAGAAGCT CCTTAGT 19501 GTCCTGAATG GTAATGGG 19601 GTCCTGAATG GTAATGGG 19601 GTCTGAATG GTAATGGG 19601 GTCTAACGTT TAAGTCTT 19701 GTAAGGAAGG GATCCAG 19751 CCAGCACCAT TTATTAAA 19801 CAGGTTTGTC CAAAGATG 19851 GGGCTCTGTT CTGTTCGA 19901 ATGCTGTTTG GTTACTGT 19901 ATGCTGTTTG GTTACTGT 20001 GCTCCTTTTT TGGTTCGA 20101 ACCTTGGGCA GTTGGGCG 20101 GCATGGATTG CATTGGTC 20201 GTAGTTTGA GTTCTCCC 20251 ATTCCTAGGT ATTTTATT 20301 CATGATTTGA GTTCTCCC 20251 ATTCCTAGGT ATTTTATT 20401 AGCTTAAGGA AGTTTTGC 20501 TACCCTTTAT TTCCTTCC 20501 TTCAAAGGA AATGCTTC 20601 TTTCAAAGGA AATGCTTC 20601 TTTCAAAGGA AATGCTTC 20701 CCTAATTTAT TGAGAGTT COTGATTACCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	GIT TITTICTIGI AAATTIGITT GAGTICATIG CCC TITIGICAGAT GAGTAGGTIG CGAAAAATTIT CCC TIGITCACTCT GATGGTAGTT TCTTTTGCTG TIA ATTAGATCCC ATTTGTCAAT TITTGGCTTTT GTT TITTAGACATG AAGTCCTTAC CCATGCCTAT CTA GGTTTCTTC TAGGGTTTT ATGGTTTTAG TITA ATCCATCTTG AATTAATTIT TGTATAAAGGT TIT CAGCTTTCTA CATATGGCTA GCCAGTTTTC ATA GGGAATCCTT TCCCCATTGC TTGTTTTGT CAG ATAGTTGTAG ATATGTGGCA TTATTTCTGA TIT GATCTATATC TCTGTTTTGG TACCAGTACC TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TITTTGGCTTA AGTCGTTTTT TCCAATTCTG TAG CCTTGTAGTA TAGTTTGAAG TCAGGTAGCA TITTTGATGGGGA TGGCATTGAA TCTATAAATT CAT TTTCACGATA TTGATTCTTC TCTACCATTGA TTTTTTTGATCC CTCTTTTATT TCATTGAGCA TTG TTGTTGAGCA ATTGTGCATT GGAGTTCACT TTT GTCTGTAGC CTTTGCTGAA GTTGCTTATC TGGCTGAGACAGTG GGGTTTTCTA GATATACAAT TGGCTGAGACAGTG GGGTTTTCTA GATATACAAT TGGCTGAGACAGTG GGGTTTTCTA GATATACAAT TGGCTGATTGC CCCTGGCCAG AACTTCCAAC TGGCTGAGAGAGGGG CATCCCTTTTT TCAGCATGAAT TTTTGCCTGATTG CCCTGGCCAG TTTGTGCAAG TTTTTGCCTGATTG CCCTTGGCCAG TTTGTCCAACT TTTTTGCCTAAGTTGGCATTTTTTTTTT
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21151 GACTICTTTT GGTTGGTAAG CTATTGATTA TTGCCACAAT TTCAGATCCT
21201 GITATIGGTC TATTCAGAGA TICAACTICT TCCTGGTTTA GTCTTGGGAG
21251 GGTGTATGTG TCGAGGAATG TATCCATTTC TTCTAGATTT TCTAGTTTAT
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21351 GGATCGGTGC TGATATCCCC TTTATCATTT TTTATTGCGT CTATTTGATT
21401 CTICTCTCTT TITTTCTTTA TIAGTCTIGC TAGGGGTCTA TCAATTTTGT
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21551 GOCTTCTGCT AGCTTTTGAA TGTGTTTGCT CTTGCTTTTC TAGTTCTTTT
21601 AATIGIGTIG TIAGGGIGTC AATITIGGAT CTITCCTGCT TICTCTIGTG
21651 GGCATTTAGT GCTATAAATT TCCCTCTACA CACTGCTTTG AATGTGTCCC
21701 AGAGATICTG GTATGTTGTG TCTTTGTTCT CGTTGGTTTC AAAGAACATC
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21901 TCTGTTCTTT TACATTTGCT GAGGAGAGCT TTACTTCCAA CTATGTGGTC
21951 AATTATGGAA TAGGTGTGGT GTGGTGCTGA AAAGAATGTA TATTCTGTTG
22001 ATCTGGGGTG GAGAGTTGTG TAGGTGTCTA TTAGGTCCAC TTGTTGCAGA
22051 GATGAGTTCA ATTCCTGGGT ATCCTTGTTA ACTTTCTGTC TIGTTGATCT
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22151 CGTCTAAGTC TCTTTGTAGG TCACTCAGGA CTTGCTTTAT GAATCTGGGT
22201 GCTCCTGTTT TGGGTGCATA TATATTTAGG ATAGTTAGCT CTTCGTGTTG
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22301 TIGTIGGTT AAAGTCIGTT TTATCAGAGA CTAGGATTGC AAGCCCTGCC
22351 TTTTTTIGIT TICCATTIGC TIGGTAGATC TCCCTCCATC CTITTATTIT
22401 GAGCCTATGT GTGTCTCTGC ACGTGAGATG GGTTTCCTGA ATACAGCACA 22451 CTGATGGGTC TTGACTCTTT ATCCAGTTTG CCAGTCTGTG TCTTTTAATT
22501 GGAGCATITA GTCCATTTAC ATTTAAAGTT AATATCGTTA TGTGTGAATT
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23101 CCTGCAGAGT GTTTTCCAAC TTGGTTCCAT TCTCCCCGTC ACTTTCAAGT
23151 ACACCAATCA GACGTAGATT TGGTCTTTTC ACATAGTCCC ATATTTCTTG
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23401 TTCTAGTTAT ACATTCGCCT AAATTTTTTT CAAAGTTTTC AACTTCTTTG
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23501 GCCTTCCTCT CTCAACITGT CAAAGTCATT CTCCGTCCAG CTTTGTTCTG
23551 TTGCTGGTGA GGAACTGCGT TCCTTTGGAA GAGGAGAGGC ACTCTGCTTT
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23701 GGATGTCCTT TCTGTTTGTT AGTTTTCCTT CTAACAGACA GGGCCCTCAG
23751 CTGCAGGTCT GTTGGAGTTT GCTAGAGGTC CACTCCAGAC CCTGTTTGCC
23801 TGGGTATCAA CAGCGGTGTC TGCAGAACAG TGGATTTTCC TGAACCGCGA
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23951 CTGCTCGGGT GTCAGGGGTC AGGGACCCAC TTGAGGAGGC AGTCTGCCTG
24001 TTCTCAGATC TCCAGCTGCG TGCTGGGAGA ACCACGGCTC TCTTCAAAGC
24051. TGTCAGACAG GGACATTTAA GTCTGCAGAG GTTACTGCTG TCTTTTTGTT
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24151 CTTGAGCTGT GGTGGGCTCC ACCCAGTTCA AGCTTCCGGG CTGCGGCTGC
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24301 AGACTCCGTG GGCGTAGGAC CCTCCGAGCC AGGTGCGGGA TATAATCTCC
24301 AGACTOCGTG GGCGTAGGAC CCATCGGAAA AGCGGGGTAT TAGGGTGGGA
24401 GTGACCCGAT ATTCCAGGTG CTGTCTGTCA CCCCTTTCCT TGACCAGCAA
24451 AGGGAACTOC CTGACCOCTT GCACTTCCCCG AGTGAGGCAA TGCCTCACCC

24501	TGCTTCGGCT	CGCACACGGT	GCGCTGCACC	CACTGTCCTG	CACCCACTTT
24551	CTGGCACTCC	CTAGTGAGAT	GAACCTGGTA	CCTCAGATGG	AAATACAGAA
	ATCACCTGTC				
	TOCTGTTOGG				
	TAGTGGCAGA				
24751	TCACTTATAT	ACTAACGTGT	TAGTAATTTT	AAGAGTCTGT	AAGAGAAGGG
24801	TTGTCACCTG	GTGGAGGCTG	CCTGACTAAC	TGGTTCTCAG	TCTTGGAACA
24851	GTACCTAGGA	GTGATTTTCA	TETCCAGET	TGATTCTCAG	CTTATAAAGT
	TGAAGAATTC				_
	AGACTGACCC				
	GTCCTAGTTT				
25051	ATGTTTGTGT	TTATGGATGA	CCATATTTTC	ACCTTGATGG	CAAATATAGA
	GAGCTGTCTT				
	AGGCTTAGTG				
	TGCCACTGGG				
25251	GAATGGAAAC	ATGTGATACT	GATGTTTTAG	TCTGAATATT	TTTAAGGGTC
25301	TGTTTTIGIA	CTTCTAAACT	TATAATTCAT	AGATTCGCTG	TAGTCCATGC
25351	ATTGTCTGTT	GGCACATTCA	GTATAATTGA	TTAGGTTTGA	GCTTTTTTA
	AATTITITIT				
	CATCTGAATA				
25501	AGTTCTTTAT	TATTIGGITT	TCCTAATTTC	ATTTTCAGAG	AGTAAAAATA
25551	CCTATATATT	CAAATGTGGC	TGATACTTGG	ATATTGGTTA	TATTGTTGAC
25601	TCTTATTTTC	AGGAATTTAA	AAATGTATCC	ΑΤΑΤΤΔΔΔΔΑ	AACTAGTCTA
	TAAGCGAAGA				
	GTATTATATG				
	TAAAACAATT				
25801	TATGAGAATG	ATACAGTTAA	GATGTGAGAA	GTAAGAGAGA	TGTCATAGTA
25851	GATGGAGAGG	TGAGTATTGT	AAAACTTTCT	ACAGGAGGAA	GCATTTAGGC
	TGAACACTGA				
	ATTACTAATA				
26001		GACAGTTAGA			
26051	TGCCTCTCAC	тити	CTAACTTTCA	GAAAAATAAA	TTTATTTTCA
26101	TTTTATTTTG	TTAGGAAGTA	AGTGAAGGAC	AAGTGTTGGT	TCTTGGGGCC
	ACAAATCGCC				
	TGATAAAGAG				
	TTCTCCAGAA				
26301	CTCCTCCACC	TOCOLARTAC			
	CIGCIGCAGC	IGGCAAAIAG	IGCICAIGGA	TACGTTGGAG	CAGACTTGAA
26351	AGTCTTGTGT	AATGAAGCAG	GTGAGTGTGG	TTTGCTATGG	TGAGTCTCTA
26351 26401	AGTCTTGTGT TTGATGCACT	AATGAAGCAG TATCTCCAGT	GTGAGTGTGG TTACTTACAT	TTTGCTATGG ACAAATAATT	TGAGTCTCTA TATATTTTAC
26351 26401 26451	AGICTIGIGI TIGATGCACT AGATTICTIA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG	GTGAGTGTGG TTACTTACAT CTTTGTTTCT	TTTGCTATGG ACAAATAATT AATTATAAAA	TGAGTCTCTA TATATTTTAC TGTGTAATTT
26351 26401 26451 26501	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC	ACAAATAATT AATTATAAAA TAGATGATTC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT
26351 26401 26451 26501	AGICTIGIGI TIGATGCACT AGATTICTIA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC	ACAAATAATT AATTATAAAA TAGATGATTC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT
26351 26401 26451 26501 26551	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAAT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT
26351 26401 26451 26501 26551 26601	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAAT ATAGTGTATA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG
26351 26401 26451 26501 26551 26601 26651	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAAT ATAGTGTATA TCAACCAACT	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA
26351 26401 26451 26501 26551 26601 26651 26701	AGTICTIGIGI TIGATGCACT AGATTICTTA TTATTIGAAA AAAAAAAAAT ATAGIGIATA TCAACCAACT AAAAATAATA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT
26351 26401 26451 26501 26551 26601 26651 26701 26751	AGTICTIGITE TIGATGCACT AGATTICTTA TTATTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT
26351 26401 26451 26501 26551 26601 26651 26701 26751	AGTICTIGIGI TIGATGCACT AGATTICTTA TTATTIGAAA AAAAAAAAAT ATAGIGIATA TCAACCAACT AAAAATAATA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT
26351 26401 26451 26501 26551 26601 26651 26701 26751 26801	AGTICTIGITE TIGATGCACT AGATTICTTA TTATTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TIGAACTATIGA TCAATAAATA TCAATAAATA	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA	GTGAGTIGTGG TTACTTACAT CTTTIGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTIGGAG	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATIGATTIC TICTAAAGGAT TIGGGCTICAGC AAAAAAAAGT TICACAACTAC CACTTATATA ATTTIGCAACA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA
26351 26401 26451 26501 26551 26601 26751 26751 26801 26851	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAT ATAGTGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAATA TCAACTATGA TCAATAAATA GCTTGCTTTT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT	TTTIGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC
26351 26401 26451 26501 26551 26601 26751 26751 26801 26851 26901	AGTCTTGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAAT ATAGTGTATA TCAACCAACT AAAAATAATA TCAACTATGA TCAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAG AAATATAGTA TGCATGGGTC TTTTTTTGGAG ACTTTATTGT CAGCTGTTTA	TTTIGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA CATATAATAC AAGGCTTCAG
26351 26401 26451 26501 26551 26601 26701 26751 26801 26851 26901 26951	AGTICTIGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAT ATAGTGTATA TCAACCAACT AAAAATAATA TGAACTAATAA TGAACTAAATA TGAACTAAATA TGAATAAATA TGAATAAAAA GTTCAACAATA GTCAACAATA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT AGCTGGTTTA AGCTTAGTTTT	TTTIGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TGGGGGAGTC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG
26351 26401 26451 26501 26551 26601 26651 26701 26851 26801 26901 26951 27001	AGTICTIGTIGT TTGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATATATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT
26351 26401 26451 26501 26551 26601 26651 26701 26851 26801 26901 26951 27001 27051	AGTICTIGTGT TTGATGCACT AGATTTCTTA TTATTTGAAA AAAAAAAAT ATAGTGTATA TCAACCAACT AAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA
26351 26401 26451 26501 26551 26601 26651 26701 26851 26801 26901 26951 27001 27051	AGTICTIGTIGT TTGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA
26351 26401 26451 26501 26551 26601 26651 26701 26851 26801 26901 26951 27001 27051 27101	AGTICTIGTIGT TTGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTGTG ATAGCATTGTG ATAGCATTTA ATACGGGAGG	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA ATGTGTGTAG	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATGCA
26351 26401 26451 26501 26551 26601 26651 26751 26801 26951 27001 27051 27101 27151	AGTICTIGTIGT TTGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC	AATGAAGCAG TATICTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACGGG	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA ATACGGGAGG CTTGAGCAGT	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATGCA TGGTATCTTA
26351 26401 26451 26501 26551 26601 26651 26701 26801 26951 27001 27051 27101 27151 27201	AGTICTIGIGI TIGATGCACT AGATTICTTA TTATTIGAAA AAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTIGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC GGGGTCCTGG	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAAATT CATTAACTGGGAAAATACT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATACCGGAGG CTTGAGCAGT CCATAGATAC	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT TAAAGGGATGA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT CGTAAAAGTA TCTATATGCA TGGTATCTTA CTATATCCTA
26351 26401 26451 26501 26551 26601 26651 26751 26801 26951 27001 27051 27101 27151 27201 27251	AGTICTIGTIGT TTGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAATAAATA GCTTGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC CGGGTCCTGG CTAGACTTCT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACTGGAAA TCATTAACTGCACA CTGTATTTAC TATTTAAATT CATTAACTGCACA CTGTATTTAC TATTTAACTGCACA TATTTAACTGCACA CTGTATTTAC TCCAGAGTATA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA ATACGGGAGG CTTGAGCAGT CCATAGATAC CACACACACA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TCCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT TAAGGGATGA CACACACACA	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATGCA TGGTATCTTA CACACACACA
26351 26401 26451 26501 26651 26601 26751 26801 26851 26901 27001 27101 27151 27201 27201 27201 27201 27201 27301	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAACTAAAAA TCAACAATA GCTTIGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGGAGA ATCTAGGAGA AGTACTATIGC CGGGGTCCTGG CTAGACTTCT CACACACACA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAAAGGG AACAAATACT CCAGAGTATA CACACAGGA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATTCAGG AAATATTGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTTA ATAGCGGGGGG CTTGAGCAGT CCATAGATAC CACACACAC CATGTAATCA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATIGATTC TCTAAAGGAT TIGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCACA AAGAATACAG TATTATTIGCC TIGGGGGAGTIC TCCCTIGACCC CATIGGGTTCA ATGIGTIGTAG CCTTAGATTT TAAGGGATGA CACACACAC GATCCATTIGG	TGAGTICITA TATATTTIAC TGIGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTIGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTATT GGTAAAAGTA TCTATATGCA TGGTATCTTA CACACACAC TGGCGGTATT
26351 26401 26451 26501 26551 26601 26751 26751 26801 26951 27001 27051 27151 27251 27301 27351	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAACAATAA ATCAACAATA AGTTIGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC GGGGTCCTGC GGGGTCCTGC CACACACAC GATGATGACA	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACGGG AACAAATACT CCAGAGTATA CACACACGGA ATATTTATTG	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGGA ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTT GGGATTGGTG ATAGCATTTA ATAGGGAGG CTTGAGCAGT CCATAGATAC ACACACACA ACATGTAATCA ATATATTGTG ATACTTACTGTG ATAGCAGT ACACACACACA CATGTAATCA ATATATTGTG ATACTTACTGTG ATACTTACTGTG ATACTTACTGTAATCA ATATATTGTG ATACTTACTTACTGTG ATACTTACTGTG ATACTTACTG ATACTTACTGTG ATACTTACTGTG ATACTTACTGTG ATACTTACTGTG ATACTTACTG ATACTTACTGTG ATACTTACTGTG ATACTTACTG	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TIGGGCTCAGC AAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCAACA AAGAATACAG TATTATTIGGC TIGGGGGAGTIC TCCCTIGACCC CATGGGATCA ATGIGTIGTAG CCTTAGATT TAAGGGATTCA AGTGTGTTAG CACACACACA GATCCATTIGG CTIGTIGTIGTIGG CTIGTIGTIGTIGTIGTIGTIGTIGTIGTIGTIGTIGTIGT	TGAGTCTCTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATGCA TGGTATCTTA CTATATCCTA CTATATCCTA CACACCACA TGGCGGTATT GAAATCAGGG
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26351 26401 26451 26501 26651 26601 26751 26801 26851 26901 27001 27151 27201 27301 27351 27401 27451 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAT ATTAGTIGTATA TCAACCAACT AAAAATAATA TCAACTAATA TCAACTAATA TCAACTAATA TCAACTAATA TCAACTAATA TCAACTAATA TCAACTAATA GCTTIGCTTTT ATATAAAAAA GTCAACAATA AGTACTATTIC CACACACAC GATGATGACA GATGATGACA AGAAGTGTAA TCGACCCCTA AAGGGACCCCA ACTTACAGGG CTTGCAAAAA CCAGCAACAC ACTTACAGGG CTTGCAAAAA CCAGCAACAC CCTTATGCCCA CTTATGCCTT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAAACGGG AACAAATACT CCAGAGTATTA CACACAGGA ATATTTATTG ACTGGAGAAT TTAACTTCAG GAGCCAATAA CGGCCCAGTG GCATGCAC TCTGTCATGA TTTACTCCGC TCTGTCATGA	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA ATAGCAGGGAGG CTTGAGCAGT CCATAGATAC CACACACAC ATGTAATCA ATATATTGTG CACAGTTAC TCGGATTGTG CACAGTTAC CACACACAC ATGTAATCA ATGTAAGCATTA GTGATGGCT TGTATAGCCT TGTATAGCCT ACCAGCATAC GATCCCTTGG GATCCCTGGG	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAAACTAC CACTTATATA ATTTIGCACA AAGAATACAG TATTATTIGCC TGGGGGATCA ATGTGTGTAG CCTTAGATTT TAAAGGGATGA CACACACAC ATGTGTGTAG CCTTAGATTT TAAGGGATGA CACACACAC GATCCATTIGG CTTAAAATTIG CCAAGTTTTA GGGCTTATTTT GGACAGGAGA TTTACTTTT TTTACGTTTAG CTTTGCTTTAG TTTACGTTTAG TTTACGTTTAG TTTACGTTTAG GCCAGGTATTG	TGAGTICICTA TATATTTIAC TGIGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTIGACCCT TGAATATTTI ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTATG CCAAGTTATG CCAAGTTATT GGTAATACTAT CCATATATCCTA CCACACACA TGGCGGTATT GAAATCAGG AGGCCAAAG GGCAGAACTT ACTGCAATCA CATCGCAATCA CATCGCAATCA CATCTCCCC CCCTTCACATT TGGAGGAGCA
26351 26401 26451 26501 26551 26601 26751 26751 26801 26851 27001 27051 27001 27151 27201 27251 27301 27351 27401 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27501 27601 27751 27601	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TCAACTAATAA TCAACTAATAA TCAACTAATAA TCAACTAATAA TCAACTAATA AGCTTIGCTTTT ATATAAAAAA GTCAACAATA AGTACTATTT GAGGGGTCAA ATCTAGAGAT AGTACTATTGC GGGGTCCTGG CTAGACTTCT CACACACAC AATGATGACA AGAGTGTAA TGGACCCCTA AAGGGACCCCA ACTTACAGGG CTTGCAAAAA CCAGCAACTT GCATCTIGCCT TTIGCAGCCAG TTTIGCAGCCAG TTTIGCAGCAG TTTIGCAGCAG TTTIGCAGCCAG TTTIGCAGCAG TTTIGCAGCCAG TTTIGCAGCAG TTTIGCAGCCAG TTTIGCAGCAG TTTIGCAGCCAG TTTIGCAGCAG TTTIGCAGC	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACGGG AACAAATACT CCAGAGTATA CACACAGGA ATATTTATTG ACTGGAGAAT TTAACTTCAG GAGCCAATAA CGGCCCAGTG GCATGCAGCT CCACATGGCA TATACTCCGC TCTGTCATGA ATGCTGCAGT ATGCTGCAGT ATGCTGCAGT ATGCTGCAGT ATGCTGCAGT ATGCTGCAGT	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCAT AATATTCAGG AAATATTCAGG AACTATAGTA TGCATGGGTC TTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCAGTTC CACACACAC ATGTAATCA ATATATTGTG CACACACAC ATGTAATCA ATATATTGTG CACACACACA CATGTAATCA ATGTAATCA ATGTATAGCAT ACCTCCTTTC ACCAGCATAC GATCCCTTGGG AGCAATATAA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCACA AAGAATACAG TATTATTIGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT TAAGGGATGA CACACACAC GATCCATTIGG CTTAAAATTIG CCAAGTTTGA CGGCTTATTT GGACAGGAGA TTTAAGTTATT CCTTGGGTGG TTCACTTAG TTTAAGTTATT CCTTGGTTGG CCCAGGTATG ACTACAATAA	TGAGTICICTA TATATTTIAC TGIGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTIGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTATG CCAAGTTATT GGTAAAAGTA TCTATATCCA TGGTATCTTA CTATATCCA TGGGGTATT GAAATCAGG AGTGTCATCC GAGGCCAAAG GGCAGAACTT ACTGCAATCA CATCCTCCCC GCTTTCAGGT CCCCTCACATT TGGAGGAGCA CAAAAAAGAA
26351 26401 26451 26501 26651 26601 26751 26801 26851 26901 27051 27101 27151 27251 27301 27351 27401 27451 27501 27551 27601 27651 27701 27751 27601 27751 27801 27751 27801	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAACAATAA TGAACTATGA TCAACAATA AGTIGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC GGGGTCCTGC CACACACA GATGATGACA AGAGGTGTAA TGGACCCCTA AAGGGACCCA ACTTACAGGG CTTGCAAAAA CCAGCAACTT GCATCTGCCA CTTATGCCTT TTGCAGCCAG TTATGCCTT TTGCAGCCAG TAACAAATAT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAAAGGG AACAATACT CCAGAGTATA CCCAGAGTATA CCCACACGGA ATATTTATTG ACTGGAGAAT TTAACTTCAG GAGCCAATAA CGGCCCAGTG GCATGCAGCT CCACATGGCA TATACTCCGC TCTGTCATGA ATGCTGCAGT AATAACCATC	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGGA ACTTTATTGT CAGCTGTTTA AGTTAGTTT GGGATTGGTG ATAGCATTTT GGGATTGGTG ATAGCATTTA ATAGGGAGG CTTGAGCAGT CCATAGATAC ACATGTAATCA ATATTTGTG CACACACAC ACATGTAATCA ATATATTGTG CACACACAC ACATGTAATCA ATATATTGTG CACAGTTAC CACACACAC ACATGTAATCA ATATATTGTG CACAGTTAC CACACACAC ACAGCATAC ACACTCCTTTC ACCAGCATAC ACCCCTGGG AGCAATATAA ATACTGTATA	TTTIGCTATIGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TIGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTIGCACA AAGAATACAG TATTATTIGGC TIGGGGGAGTIC TCCCTIGACCC CATGGGATCA ATGIGTIGTAG CCTTAGATTA ATTTIGGACAC AAGAATACAG TATTATTIGGC TIGGGGGAGTIC TCCCTIGACCC CATGGGATCA ATGIGTIGTAG CCTTAGATTT TAAGGGATTGA CCAAGATTTGA CCAAGTTTTT CCAAGTTTTT CCTTIGGTTGG TTAAAATTTG CCAAGTTTTAG TTAAGTTATT CCTTIGGTTGG GCCAGGTATTG ACTACAATAA GAAAGTTTTT	TGAGTICICTA TATATTTIAC TGIGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAACAGTA AGTIGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGGCTTCAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATCCTA CTATATCCTA CTATATCCTA CTATATCCTA CTATATCTA CTATATCTA CTATATCTA CACACCACA TGGGGTATT GAAATCAGGG AGTGTCATCC GAGGCCAAAG GCCAGAACTT ACTGCAATCA CATCCTCCCC GCTTTCAGGT CCCCTCACATT TGGAGGAGCA CAAAAAAAGAA CAAGGGCTTA
26351 26401 26451 26501 26551 26601 26751 26801 26851 26901 27951 27101 27251 27201 27351 27301 27351 27401 27551 27501 27551 27601 27751 27761 27751 27761 27751 27751	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAATA TCAACCAACT AAAAATAATA TCAACCAAC	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACTGCA AACAATACT CCAGAGTATA ACTGCAGAA ATATTTATTG ACTGAGAAT TTAACTTCAG GAGCCAATAA CGGCCCAGTG GCATGCAGCT CCACATGGCA TATACTCCGC TCTGTCATGA ATGCTGCAGT AATACTCCTGC TCTGTCATGA ATGCTGCAGT AATACAATC AAAACACTG	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA ATACGGGAGG CTTGAGCAGT CCATAGATAC CACACACAC ATATATTGTG CACACTTTC TGGGATGGTA ATGAAACTTA GTGATGGGCT TGTATAGCAT ACTCCTTTC ACCAGCATAC GATCCCTGGG AGCAATATAA GTGATGGGT GTGATGGGT ACCTCCTTTC ACCAGCATAC GATCCCTGGG AGCAATATAA GTTATAGGGT GTGTATAGGGT GTGTATAGGGT ACTCCTTGGGATGGTA ATACTGTATA GTGATGGGT ACCTCCTTTC ACCAGCATACA GATCCCTGGG AGCAATATAA ATACTGTATA GTTATAGGGT	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTGCAACA AAGAATACAG TATTATTGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT TAAGGGATCA CACACACAC CATGTGTGTGG CTTACATTGC CTGTGCTGTG	TGAGTICTICTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGACTICAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATCCTA CTATATCCTA CACACACAC TGGGGTATT GAAATCAGGG AGTGTCATGC AGGGCGTATT GAAATCAGGG AGTGTCATGC AGGGCCAAAG GCCAGAACTT ACTGCAATCA CACCACCACAC TGCGGTATT CACACACACAC TGGGGGTATT TGAAGTCCTCCCC GCTTTCAGGT CCCTCACATT TGGAGGAGCA CAAAAAAGAA CAAGGGCTTA AGATTCTGTA
26351 26401 26451 26501 26551 26601 26751 26801 26851 26901 27951 27101 27251 27201 27351 27301 27351 27401 27551 27501 27551 27601 27751 27761 27751 27761 27751 27751	AGTICTIGTIGT TTIGATGCACT AGATTTICTTA TTATTTIGAAA AAAAAAAAT ATAGTIGTATA TCAACCAACT AAAAATAATA TGAACTATGA TCAACAATAA TGAACTATGA TCAACAATA AGTIGCTTTT ATATAAAAAA GTCAACAATA CATAGTTTTT GAGGGGTCAA ATCTAGAGAT AGTACTATGC GGGGTCCTGC CACACACA GATGATGACA AGAGGTGTAA TGGACCCCTA AAGGGACCCA ACTTACAGGG CTTGCAAAAA CCAGCAACTT GCATCTGCCA CTTATGCCTT TTGCAGCCAG TTATGCCTT TTGCAGCCAG TAACAAATAT	AATGAAGCAG TATCTCCAGT ATGGAAGTAG AAATTTTTAT AAAAATCACT CAGTCAGCCC GTGGTCTGAA AAAACTTAAA GGGCTTGAAC TATTGGAAAA TCTTTAGCTT TATGGTTAAT GGCTATTAGT TGACTGCACA CTGTATTTAC TATTTAAATT CATTAACTGCA AACAATACT CCAGAGTATA ACTGCAGAA ATATTTATTG ACTGAGAAT TTAACTTCAG GAGCCAATAA CGGCCCAGTG GCATGCAGCT CCACATGGCA TATACTCCGC TCTGTCATGA ATGCTGCAGT AATACTCCTGC TCTGTCATGA ATGCTGCAGT AATACAATC AAAACACTG	GTGAGTGTGG TTACTTACAT CTTTGTTTCT TGGAAAAACC CAATCCTACC TCCATATCCT AATATTCAGG AAATATAGTA TGCATGGGTC TTTTTTTGGAG ACTTTATTGT CAGCTGTTTA AGTTAGTTTT GGGATTGGTG ATAGCATTTA ATACGGGAGG CTTGAGCAGT CCATAGATAC CACACACAC ATATATTGTG CACACTTTC TGGGATGGTA ATGAAACTTA GTGATGGGCT TGTATAGCAT ACTCCTTTC ACCAGCATAC GATCCCTGGG AGCAATATAA GTGATGGGT GTGATGGGT ACCTCCTTTC ACCAGCATAC GATCCCTGGG AGCAATATAA GTTATAGGGT GTGTATAGGGT GTGTATAGGGT ACTCCTTGGGATGGTA ATACTGTATA GTGATGGGT ACCTCCTTTC ACCAGCATACA GATCCCTGGG AGCAATATAA ATACTGTATA GTTATAGGGT	TTTGCTATGG ACAAATAATT AATTATAAAA TAGATGATTC TCTAAAGGAT TGGGCTCAGC AAAAAAAAGT TCACAACTAC CACTTATATA ATTTGCAACA AAGAATACAG TATTATTGGC TGGGGGAGTC TCCCTGACCC CATGGGATCA ATGTGTGTAG CCTTAGATTT TAAGGGATCA CACACACAC CATGTGTGTGG CTTACATTGC CTGTGCTGTG	TGAGTICTICTA TATATTTTAC TGTGTAATTT AGAAGACTAT AACCACCATT ATCTGAGGAG TAAAACAGTA AGTTGACCCT TGAATATTT ATTTGAAAAA CATATAATAC AAGACTICAG AGAAGTTATG CCAAGTTGTT GGTAAAAGTA TCTATATCCTA CTATATCCTA CACACACAC TGGGGTATT GAAATCAGGG AGTGTCATGC AGGGCGTATT GAAATCAGGG AGTGTCATGC AGGGCCAAAG GCCAGAACTT ACTGCAATCA CACCACCACAC TGCGGTATT CACACACACAC TGGGGGTATT TGAAGTCCTCCCC GCTTTCAGGT CCCTCACATT TGGAGGAGCA CAAAAAAGAA CAAGGGCTTA AGATTCTGTA

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20001					
		ATACATACAC			
28051	CCTTGTGGGG	GCAGTTAAGA	TGTCCAGGGC	CATGCAATTT	TACAAAGAAG
		ACACTATCTC			
		CAGCCTACCT			
28201	TACCAGGGG	AAAATATGCC	ATCTCATGTT	വരാദ്യ	GGAAACTTGC
20201	TECATEACET	GCTGTTGTCG	CTCAACCCCA	ATACCTCAAC	CTCACTATAC
5852T	IGCATGAGGT	GCIGIIGICG	CIGAAGGGGA	AIAGGIGAAG	GICACIAIAC
28301	CAAGTATCGA	AGTGGCCCCA	GGIACICAIG	HAACIGCCI	IGGIGIGGCA
28351	TGGCAGGCCC	ACAGCGGAGG	AGAGGGGGAG	CTCTCCCCCAG	ACCCAGCAGT
28401	CIGITICIT	CTGGAGAGAG	ATAACCATCT	GCACCCAGTC	AGCAAAGAGG
28451	TTTGGGCAC	ACCATCTATG	GCCAAAAGGT	GAGTIGITTA	GTGGGTACAA
		GTCCTGGCCA			
20301	TEACACACCA	CCACCCCTGG	CACCACCCTC	ATTOCTOCT	TACAATACCA
7822T	IGAGAGAGCA	WALLIG	CAGCAGCCIG	AIGCCIGGII	CACCAACACA
28601	AATGGACTGG	CTCCCCTCTG	IAAIGIGIIG	CAGGAGGCCA	GAGGAAGACA
28651	GTGGAGGTAT	AGTGTTTCAT	GAGAGGATGT	TCATCCCCTT	GCACAAGGGA
28701	GGACTAGGAT	TCATTATTTT	AGAATTACAG	TGGAGAGTAT	GGTATGAAAT
		TATATATCCT			
28801	AACTGAACCA	TCGGGCTGGT	TIGCCATTIC	CCAGAACCAC	GTAATGATGT
20001	CCTCCCCACT	AGGITGGICC	TCTCCCAACC	CCCATACCAG	ATTACTITICT
20031	CICCOCAGI	GGGGGCAAAG	TO COCARO	CTTACCTC	TETACETETA
2890T	GICCAGGII	GGGGGCAAAG	GICIGCIGIC	CHACCIG	CATTACTIGIA
28951	TCCTGATGGT	CGTATCACAT	CCHGIGHA	GAAGAGIAIA	CATGATGGG
29001	TGATGAGAAT	GTGCATATTT	ATTCAGTTTG	TGCACGGCTG	CTGGTAAGCA
29051	GCGTGTCCAC	AGAGCCAACT	CCTATAGGAG	TTGTTTCAAC	AGTCCATTCA
29101	ATTIGITCAG	TCAGCCCCAC	TGCTGTAGGG	TTGTACGGCA	GGTGAAAATG
29151	CAGTIGGATA	TCCAGGGCCT	CTGCCTATTC	TTGTACTITA	TATCTGGTAA
20201	ACTACCACCC	CTAGTCATTG	TTAATTTTTT	111111111111111111111111111111111111111	GAGATIGGAGT
20251	AGIACGAGCC	TTGCCCAGAC	TOCACOCCAA	TOCOCOCATO	TYCCCTCACT
Z9Z3T	HUGCICIIG	TIGUUAGAC	TOGAGCGCAA	TOGUGUGATE	ACCOMICT
2930T	GCAACCTCCG	CCTCCTGAGT	TCAAGCAATT	CICCIGCIC	AGCCICCIGA
29351	GTAGCTGGGA	TTACAGGTGT	GTACCACCAC	ACCTGGCTAA	TITTIGIAL
29401	TTTTAGTAGA	GACAGGTTTC	ACTATGTTGG	GCAGGCTGGT	CTCAAACTCC
29451	TGACCTCAGG	TGATCCACCC	GCCTCAGCCT	CCCAAAGTGG	TGGGATTACA
29501	CCCTTCACCC	ACTIGTICTIC	GCCCATTGTC	ACTATTGATG	GAGACGCTGT
20551	ACCCTTCCACA	CATCIGITCI	CCTCCTTTTA	TIGHTGCCATG	CITECTEGET
29331	AGGC I GCACA	CAICIGITCI	CCACCTTTICE	CCACAACTTA	ACCCATACTC
29001	IAIGCIGGII	GTAGCCCTGT	GCAGGITICI	GCACAGITA	AGGCATAGIG
29651	GCAGCCATCC	AATAGGGGCA	AAGATCCIAT	GIAGICIACC	IGCCACCATI
29701	GTGCTGGGCT	CTGGCCCTGG	GTGATCTTTC	TGGTATCAGG	TGGCAAGGGC
29751	CTGGGGTGTT	CCTGTGCATG	GGTAAGACAT	TGCTGACAGA	TGTGTACTGT
29801	GICTTIGTAT	CATAGTGGCA	GGCTCCAATT	CTTTGCTATG	GCCCAAAGGG
29851	TAAGTTGTCC	CCTATGTCCT	GCHCHH	GTAACCAGTT	GACCACATCG
		CTCCCTTGAG			
29301	TECHNICOS	GGTTGGTGTA	CATTCACTIC	CCCCATCCAC	ATTOCTACATO
5993T	HIGHTICCA	GGIIGGIGIA	GAIGCAGIGI	ATTOTOCAL	ACATETEACE
30001	ATTITATICA	TCCCCCAGAT	GCAATGGGGA	AIGICCITCI	ACATGICAGG
		AGGTGACCTG			
30101	GTAGCCACAT	GGTGAGTCCC	TTTACATTGG	ATTAGGTAAA	AGTAATCTAG
30151	AGATTATTTA	AATTATATGG	GAGGATGTAC	ATAGGCTACA	TGCAAATACT
30201	GIGCCATTTT	ATATAAGAGG	CTTCACCTCT		
30251	01000011111			CCTTAGATTT	TGGTATCTTA
30231	<i> </i>	AACCGATACC	CCATACATAC	CCTTAGATTT	TGGTATCTTA
	GGGGTCCTGG	AACCGATACC	CCATAGATAC	TAAGGGATGA	TGGTATCTTA CTGTATCCTA
	TCAGACTTTT	AACCGATACC CCAAAGTACA	CCATAGATAC CACACACACA	TAAGGGATGA CACACACACA	TGGTATCTTA CTGTATCCTA CACACACACG
30351	TCAGACTTTT	AACCGATACC CCAAAGTACA CATGTAATCA	CCATAGATAC CACACACACA GATGCATTGT	TAAGGGATGA CACACACACA TGGCAGTATT	TGGTATCTTA CTGTATCCTA CACACACACG GATGAAGACA
30351 30401	TCAGACTTTT CACGCACACA ATATTTATTG	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA	TGGTATCTTA CTGTATCCTA CACACACACG GATGAAGACA TGTGTACTGG
30351 30401 30451	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC	TIGGTATICITA CTIGTATICCTA CACACACACG GATGAAGACA TIGTGTACTIGG TIGTTAACTTC
30351 30401 30451 30501	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG	TAAGGGATGA CACACACA TIGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG	TGGTATCTTA CIGTATCCTA CACACACACG GATGAAGACA TGTGTACTGG TGTTAACTTC CITATAGAGG
30351 30401 30451 30501 30551	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC	TGGTATCITA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTG TGTTAACTTC CITATAGAGG TATGTCCTTG
30351 30401 30451 30501 30551	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC	TGGTATCITA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTG TGTTAACTTC CITATAGAGG TATGTCCTTG
30351 30401 30451 30501 30551 30601	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA	AACCGATACC CCAAAGTACA CATIGTAATCA ATATATCGTIG TTTTICCTTAA CCTIGTGAGTA TCGCAGCTTIG TCAATCCAGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TIGGCAGTATT CAGGGAGAAA GCCGGATGCC CTIGGGTCTGG CATTIGGCTGC GGATGGCTGG	TGGTATCITA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTTG TGTTAACTTC CITTATAGAGG TATGTCCTTG ATGGCTATGC
30351 30401 30451 30501 30551 30601 30651	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCGGGTTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTGT	TGGTATCITA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTTG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC
30351 30401 30451 30501 30551 30601 30651 30701	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGTC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATTGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATCTCC CTGGGTCTGC CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTCTAT	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIG TIGTTACTTIG TATTAGAGG TATTAGAGG TATTAGATTICCTTG ATTAGATTICCTTG ATTAGAGG CATTAGAGGC COTGTATTGAA
30351 30401 30451 30501 30551 30601 30651 30701 30751	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAAGT TCGTCAGTCA GGAGAGCATCC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCCGGTC TGTGGAGGCT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGCCTGG AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATTAGAGG TATTAGATAGATAGATA
30351 30401 30451 30501 30551 30601 30651 30701 30751 30801	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATG TTGGCGGGTC TGTGGAGGGCT GATGACAGGG	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC	TGGTATCTTA CIGTATCCTA CACACACACG GATGAAGACA TGTGTACTTG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG
30351 30401 30451 30501 30551 30601 30651 30751 30801 30851	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTA GGAGAGCATC CTGTTACATA GGGCTATTAA GGGCTATTAA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGAGGCT TGTGGAGGCT TGTGGAGGCT TGTGCAGGGT TGTGCAGGGT TGTGCAGGGT TGTGCAGGGT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIC CITTATAGAGG TATIGTICCTTIG ATTGGCTATICC GTACCAGGCC CCTIGTATGAA TATIGTIGACAG TIGAGCTICAAG TIGAGCTICAAG TITTIGGCCACA
30351 30401 30451 30501 30551 30601 30651 30701 30751 30801 30851 30901	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAAGT TCGTCAAGT TCGTCAAGT TCGTCAAGT TCGTTAACATC TCGTTAACATC TCGTTAACATC TCGTTACATC T	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGCT TGTGGAGGCT GATGACAGGG TGTGGACAGGCT GATGACAGGG TGTGCTCCTT GGGCCATTCCC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTCTTTT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA	TGGTATCTTA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTGG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG TTTGGCCACA TACCCTTTAG
30351 30401 30451 30501 30551 30601 30651 30701 30751 30801 30851 30901	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAAGT TCGTCAAGT TCGTCAAGT TCGTCAAGT TCGTTAACATC TCGTTAACATC TCGTTAACATC TCGTTACATC T	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGCT TGTGGAGGCT GATGACAGGG TGTGGACAGGCT GATGACAGGG TGTGCTCCTT GGGCCATTCCC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTCTTTT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA	TGGTATCTTA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTGG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG TTTGGCCACA TACCCTTTAG
30351 30401 30451 30501 30551 30601 30651 30701 30801 30851 30901 30951	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACAT AGGCTATTAA GGCTATTAA GGCTATTAA GGCTATTAA CTGCTGTGTCT CCAACCTGCT CCAACCTGCT CACGCACACAC CACGCACACACAC CCACCTGCT CCACCTGCT CACGCACACAC CACGCACACAC CACGCACACAC CACGCACACAC CACGCACACAC CACCTGCT CACCCACCTGCT CACCCACCACACAC CACCCACCACACAC CACCCACC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGACAGGC TGTGGACAGGC TGTGGACAGGC TGTGGCTCCTT GGGCATTCCC TTTGGGGTACT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTGT CCCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG	TGGTATCTTA CIGTATCCTA CACACACAC GATGAAGACA TGTGTACTGG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TCAGCTCAAG TTTGGCCACA TACCCTTTAG ACCCCTTTTG ACCCCTTTTG
30351 30401 30451 30501 30551 30601 30651 30701 30701 30851 30901 30951 31001	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTGTTAC TCCAACCTGCT TAATGTCCTC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGGCT GGTGCTCCCT TGGGGTACT TACTTGTTGT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTGT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA	TGGTATCTTA CIGTATCCTA CACACACAG GATGAAGACA TGTGTACTGG TGTTAACTTC CITATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG TTTGGCCACA TACCCTTTTAG ACCCCTTTTG GAGTTGTTGT
30351 30401 30451 30501 30551 30601 30751 30751 30801 30951 30951 31001 31051	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTTGTTACATA GTCTGTTGTTC CCAACCTGCT TAATGTCCTC TCCATCACAC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TCGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGGTC TGTGGAGGCT GGTGCTCCTT GGGCATTCCT TACTTGTTGT TACTTGTTGT TGTATCTAAC	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TIGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTTTTGT CCCTAAAAGAC AATGGAGCTC ATGTAAGCCA ATTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTGACTIGG TIGTTAACTTIC CITTATAGAGG TATIGTCCTTIG ATGGCTATIGC GTACCAGGCC CCTIGTATIGAA TATIGTGACAG TIGAGCTCAAG TITTGGCCACA TACCCCTTTTIG ACCCCTTTTIG GAGTTGTTIGT GAGTTGTTIGT GGGACCAGAA
30351 30401 30451 30501 30551 30601 30751 30751 30801 30951 30951 31001 31051 31101	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGGCTATTAA GTCTGTTGTTACATA GTCTGTTGTTAATGTCCTC TCCATCACAC TCCTAAAGGC	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGGCGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGATTCCT TACTTGTTCACA GCATATGTATCTAAC GCATATGTAT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCOGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCAC ATTCTGGAAGA TTCTGGAAGA TAGCATCACAC TTCCGTAGCT TTGCCACGGG	TGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TGTGTACTIGG TGTTAACTTC CITTATAGAGG TATGTCCTTG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TGAGCTCAAG TTGGCCACA TACCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCCTTTTAG ACCCCCTTTAG ACCCCCTTTAG ACCCCCCAA
30351 30401 30451 30501 30551 30601 30751 30751 30801 30951 30951 31001 31101 31151	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGGGTATTAA GTCTGTTGTCT CCAACCTGCT TAATGTCCT TCCATCACAC TCCTAAAGGC ACCCCTCAAG	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTICCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TTGGCGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTACT TGTATCTACCT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC GGATGGCTGC AGCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA ATTCTGGAAGA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCTGGAAGC TTCTGGAAGC TTTGCCACGGG CACAGGCTGT	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTIGG TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGGCTATIGA ATGGCTATIGA ATGGCTATIGA TATGTGCACA TATGTGCACA TATGTGCACA TACCCTTTAG ACCCCTTTTIG GAGTTGTTGT GGGACCAGAA CCTCACCCAA CTCTGCACCT
30351 30401 30451 30501 30551 30601 30751 30801 30851 30901 31051 31101 31151 31151 31201	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGAAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT TCATCCT TAATGTCCT TCATCACC TCCAACCTGCT TCATCACAC TCCTAAAGGC TCCTAAAGGC ACCCTCAAG GAACTCACAA	AACCGATACC CCAAAGTACA CATGTAATCA ATATATCGTG TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAGCAGGATTG TTGGCGGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT GTAACTGGCT GGCTTTGTAT	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC GGATGGCTGG AGCTGTTTGT CCCTGTCTAT CCTAAAAGAC ATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTACACA TTCCGTACACA TTCGGAGGG CACAGGCTGT TGACTTCAGC	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTIG TIGTTACTIG TIGTTACTIG TIGTTACTIG ATGGCTATIGC GTACCAGGCC CCTIGTATIGAA TATGTIGACAG TIGAGCTCAAG TITGGCCACA TACCCTTTIAG ACCCCTTTITIG GAGTTIGTTIGT GGGACCAGAA CCTCACCCCAA CCTCTCACCCCA TIGGTTCAAAG TIGGTTCAAAG TIGGTTCAAAG TIGGTTCAAAG TIGGTTCAAAG TIGGTTCAAAG TIGGTTCAAAG
30351 30401 30451 30501 30551 30601 30751 30801 30851 30901 31051 31101 31151 311201 31251	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC ACCCCTCACACAC ACCCCTCACACAC GCACTCACAA	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGGTTG TTGGCAGGTTG TTGGCAGGTT GTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TGTATCTAAC GCATATGTAT TTCTTCGTGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATIGTCAT CACAGGACTG CAGCTCAGCT TCCTGTGACA AGACATTGGG CAGCAGCCTC CCAAGCACTG TGTTGCAGGT AGACTTCAGT GGCTGCATAC AAGGCATAAT TGCACCCTTT GTCTCTGCCT ACATCTAGTT TTTTCACTG TTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTTCACTG TTTAGTTCTCAG	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGCT TTGCCACGGCT TTGCCACGGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACCCCT	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTIGG TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGCCTTG ATGGCTATIGA TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACACA TACCCTTTTAG ACCCCTTTTAG ACCCCTTTTTAG ACCCCTTTTAG ACCCCTTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTAG ACCTCTACACAG TCTTGCACCTT TIGGTTCAAAG TCTTGACTAA
30351 30401 30451 30501 30551 30601 30751 30801 30851 30901 31051 31101 31151 311201 31251	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC ACCCCTCACACAC ACCCCTCACACAC GCACTCACAA	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGGTTG TTGGCAGGTTG TTGGCAGGTT GTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TGTATCTAAC GCATATGTAT TTCTTCGTGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATIGTCAT CACAGGACTG CAGCTCAGCT TCCTGTGACA AGACATTGGG CAGCAGCCTC CCAAGCACTG TGTTGCAGGT AGACTTCAGT GGCTGCATAC AAGGCATAAT TGCACCCTTT GTCTCTGCCT ACATCTAGTT TTTTCACTG TTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTCACTG TTTTTTTCACTG TTTAGTTCTCAG	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGCT TTGCCACGGCT TTGCCACGGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCCACCCCT	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTIGG TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGCCTTG ATGGCTATIGA TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACACA TACCCTTTTAG ACCCCTTTTAG ACCCCTTTTTAG ACCCCTTTTAG ACCCCTTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTTAG ACCCCTTTAG ACCTCTACACAG TCTTGCACCTT TIGGTTCAAAG TCTTGACTAA
30351 30401 30451 30501 30551 30601 30751 30801 30851 30901 31051 31101 31151 31201 31251 31301	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGGACCATCC GCCTGTATCA CTGCTCAAGT TCGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GICTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC TCCTAAAGGC TCCTAAAGGC ACCCCTCACAC ACACTCACAC ACACTCACAC ACACTCATCACAC ACACTCATCACT ACACTCATCACAC ACACTCACACAC ACACTCACAC ACACTCACACAC ACACTCACACACA	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TTGGCAGTTG TTGGCAGGTTG TTGGCAGGTT GTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TGTACTGGCT GGCTTGTATT TCTTCGTGGA GGTCTAAGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGATIGTCAT CACAGGACTG CAGCTCAGCT TCCTGTGACA AGACATTGGG CAGCAGCCTC CCAAGCACTG TGTTGCAGGT AGACTTCAGT GGCTGCATAC AAGGCATAAT TGCACCCTTT GTCTCTGCCT ACATCTAGTT TTTTCACTG TTTTTCACTG TTTTTCACTG TTTTTTCACTG GTTTGGGCCAA GTTGGGCCAA	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGC CATTGGCTGC AGCTGTTTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGC CACGGCTGT TTGCCACGGC CACAGGCTGT TTGCCACGCT TTGCCACGCT TTGCCACGCT TTGCACCCCT ATGAGGAATA	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTIGG TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGCCTTG ATGGCTATIGA TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACACA TACCCTTTTAG ACCCCTTTTAG ACCCCTTTAG ACCTCTTAGACTTAA AAATGATGCC
30351 30401 30451 30501 30551 30601 30651 30751 30801 30951 31001 31101 31151 31201 31251 31301 31351	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACCACCCA AGACCATCC GCCTGTATTCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC TTGTTACATA GGCTATTAA GTCTGTGTCT TCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCTCAAG GAACTCACAA GCCTCACAA GCCTCATCACAA GCCTCATCACAA GCCTCATCACAC TCCTAAAGGC ACCCTCACAA GCATATCACAC CATACACCTACAC	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTG TGGCGGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGCTGGTGACT TACTTGTTGT TGTATCTAAC GCATATGTAT TTACTTGTAT TTACTTGTAT TTACTTGTAT TTACTTGTAT TCTTCGTGGA GGTTCTAAGGA GGTTCTAAGGA GGTTCTAAGGA GAGTCCTAAGGA	CCATAGATAC CACACACACA GATGCATTGT CTGTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGCTTGT CCCTGTCTAT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCAGGGGT TGACTTCAGC CACAGGCTGT TGACTTCAGC ATGCAGCTGT TGCCAGCTGT TGCCAGCTGT TGCCAGCTGT TGCCAGCTGT TGCCTTCAGC TGGGCCCCCT ATGAGGAATA GCTGCTTTTGG	TIGGTATICITA CIGTATICCTA CACACACAC GATGAAGACA TIGTTACTIG TIGTTACTIG TIGTTACTIC CITATAGAGG TATGCCTTAG ATGGCTATGC GTACCAGGCC CCTGTATGAA TATGTGACAG TIGGCTAAG TATGCCTTAG ACCCCTTTAG ACCCCTTTAG ACCCCTTTTG GAGTTGTTGT GGGACCAGAA CTCTGCACCT TIGGTTCAAAG TCTTGACTAA AAATGATGCC TIGTCACACGA
30351 30401 30451 30501 30551 30601 30651 30751 30801 30951 31001 31051 31101 31251 31201 31351 31351 31401	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC CTGCTCAAGT TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAG GAACTCACAA GCCTCATCCT ACAGTATACG TAATGTCCTC TCATCACAC TCCTAAAGGC ACCCCTCAAG CACCTCATCACAA GCCTCATCACAA GCCTCATCACAA TGTGAGTATAGG TGTGAGTAGG	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTCC TGTGGAGGCT GTTGCAGGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TCTTCGGGA GGTCTAAGGA GGTTCTAAGGA GGTTCTAAGGA CCTGCACCCT	CCATAGATAC CACACACACA GATGCATTGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG CACAGGCTGT TGGCTTCAC TTGGCACGG CACAGGCTGT TGGCTTCAC TTGGCACGGG CACAGGCTGT TGGCTTCAC TGGGCCCCCT ATGAGGAATA GCTGCTTTGG GCAGACTCAA	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTTIG TIGTTACTTIG TIGTTACTTIC CITTATAGAGG TATGTICCTTIG ATTGCCTATGCATGTACTATGCACACACACACACACACAC
30351 30401 30451 30501 30551 30601 30651 30751 30801 30951 31001 31051 31101 31251 31201 31351 31351 31401	TCAGACTTTT CACGCACACA ATATTTATTG AGAATCACAA AGACAGCCCA AGGACCATCC GCCTGTATCA CTGCTCAAGT TGGTCAGTCA GGAGAGCATC CTGCTCAAGT TTGTTACATA GGCTATTAA GTCTGTGTCT CCAACCTGCT TAATGTCCTC TCCATCACAC TCCTAAAGGC ACCCCTCAAG GAACTCACAA GCCTCATCCT ACAGTATACG TAATGTCCTC TCATCACAC TCCTAAAGGC ACCCCTCAAG CACCTCATCACAA GCCTCATCACAA GCCTCATCACAA TGTGAGTATAGG TGTGAGTAGG	AACCGATACC CCAAAGTACA CCTGTGAGTA TTTTCCTTAA CCTGTGAGTA TGGCAGCTTG TCAATCCAGA GCAAGGATTCC TGTGGAGGCT GTTGCAGGGTC TGTGGAGGCT GATGACAGGG TGTGCTCCTT GGGCATTCCC TTGGGGTACT TACTTGTTGT TGTATCTAAC GCATATGTAT TCTTCGGGA GGTCTAAGGA GGTTCTAAGGA GGTTCTAAGGA CCTGCACCCT	CCATAGATAC CACACACACA GATGCATTGT CTGTTGGAAAT GGAATGTCAT CACAGGACTG CAGCTCAGCT	TAAGGGATGA CACACACACA TGGCAGTATT CAGGGAGAAA GCCGGATGCC CTGGGTCTGG CATTGGCTGC GGATGGCTGC AGCTGTTTTGT CCTAAAAGAC AATGGAGCTC ATGTAAGCCA TTCTGGAAGA TAGCATCAGG GTATAGCACA TTCCGTAGCT TTGCCACGGG CACAGGCTGT TGGCTTCAC TTGGCACGG CACAGGCTGT TGGCTTCAC TTGGCACGGG CACAGGCTGT TGGCTTCAC TGGGCCCCCT ATGAGGAATA GCTGCTTTGG GCAGACTCAA	TIGGTATICITA CIGTATICCTA CACACACACG GATGAAGACA TIGTTACTIGG TIGTTACTIGG TIGTTACTIGG TATTAGAGG TATGCCTTG ATGGCTATIGA TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACAG TIGAGCTCAAG TATGTGACACA TACCCTTTIAG ACCCCTTTIAG ACCCCTTTITG GAGTTGTTIGT GGGACCAGAA CCTCACCCCAA CTCTGCACCT TIGGTTCAAAG TCTTGACTAA AAATGATIGCC

10/154
31501 GCCAGATGAG GCAGCAAGGT GTGAGGGGGGC AGTTTGAAAG CTGGAAAAAG
31551 ACTCAGAAGT TAGCACGATA TCATCACTGT AATGGAAAAT, GTGTACCCCT
31601 TCCAGGACCT CCATGGCTAT ATAAATATCC CTGGGGCAAG ATGGTAAAAG
31651 TCTATTGTTC TTCCCAGGTG AATGCAAATT GGTCTTGACT CTCTGCGGCA
31701 ATGGGGATGC TGAAGAAGGC ATTGGTTAAA TCAATAACAG AGTGGTAGTG
31751 GTATGTGTCC AGTGCCTCTC CCACCCTCTT TAGAAGGGAG GTGATATTGG
31801 GAACATGTGC ATACGTTGGG GGGACTGCCT TACTTAATTC CCAGTAATCT
31851 AGTGTCATTG TCCATGTCCC ATCAGGCTTC CACATGGGCC GTACATGGCT
31901 GTTGTATGGG CTGTGCACTG GCCTTGTAAT GCCTCCTTGG GCTAACTCCT
31951 TAACAATCCC TGTGGTTTCA TTATGTCCCC CCAGCAGGCA GTATTGCCTC
32001 AGTGCTACTA CTTGCTGTGT GGGGTTGGCA ACTATACTGG TGTCCATTTC
32051 GCATTCCCCT TGGTCACATG CTTCACCACT CTCAGTCAGA ACTCCCCAGC
32101 AGTTGTTTGG AGGGTCAAGC CTGATAAGAT ATCCATTCTC AAGATGTATT 32151 CCAAGATGGG AGCTATACAT ACTAAATAGG GTTTTGGTGG CAGTCTCTCA
32201 ACTIGIAATA CICAGACAGT TCAACCTTIC TGATCCCCAT CCATAACCAT
32251 CTTTTGCCAT TTTAGCCCCT TGGAACCAAC GAATGTCACC ATATATGAAA
32301 GTGCATTTGG CTCTAGTATC CACTAGGGCA CGCACAGTGT GTTTATTCTT
32351 AGGCGACCAA TATATAGTTA GTTCTACATG TGGCCTCTGG TCCCCAGGTA
32401 CCCTGGCCAC CATTACTCTT ATCAGGGTTC TGGGGCCTTG GCTTTCATCC
32451 AGTCTAACAG GGTTGACACT TGCTATCOCT CTGCAGGAAG GGTGGCGGGC
32501 TGAACCTGAG GCTCCTTAGT GAAGCACTCT TCTGGTGTGA GCTTCTGCCA
32551 CAGTCTGACC AGAACAGCAT TAGGCTGTTT ATCTGTTTTC ATAGTAGCTG
32601 TTCCTGCCAC TACCAGGTTG TGCCACATTT GTTGGTCAGT CACCCTGATG
32651 GGCCCCTTGG CCGTCTCCTT TCCTTTGGCG CCCTTGTCTT TCATCCCAGC
32701 AGCACGTACC CTTTGCCTAT GCAGTTTCTC CATTTCTCAT AAGTTGGTGC
32751 CTGCTTGGGC CACCTGAGAC ACTGGCTGTC CTACTAGGGG GCTCTGGGTA
32801 GACACTAGCA CACCATACCA TTGGTTGAGT GCAGACTAAG ATGGTGTCTT
32851 TCATGTTGGC AGTGAAAAGC TCTTTGTTGG ACCTTGGTGA TGTTCAGCAT
32901 AGATAGCATG TITTCATCCCT AATTITCCAGA TGATGTCCTG CAATTCCTCC 32951 ATAGTCTGCC ATCACAAAGG AGATATGGGG ATACTGCCCT CATCTGGCCA
33001 CGCTTCATTG CAGCCCACAA CCACCCAGCT AAGGAGGGGC ATGGCCTGAT
33051 CCTCATTGTT GGCACCATAG AGGTGCTGCC TCAGGGCTGG GTGGCATGCG
33101 ATGTATGCCA TTCCACTCAT CTTGAGTCTG GAGAGTATAA CACCCTCCAT
33151 CCCCGTGTCC CATAGACAGA GAAGCCACCT CTCAATCAAC TGTCTCTCTT
33201 CCTGAACCCA CCTTCTGCCC AGCTCCACTA GTTCCATAGT GGTGTAGTGC
33251 TGCATTGTGG TATGCTACCA TCTTTCAGGC AGAGACAAGT TTTGTGGGTC
33301 TACTCCCTGC AGGCACCATT GGTCTGACTT TATCTTGGTA GAGAGAACAG
33351 GACCTCTATG GGCTTATCCC AGTCCTCACT CTGCTCCTCA CTAGAGCTCT
33401 CCACTGGGTC CCTGGACTTA GGAAGATTTA GTCATATAGT CCTAACTTGG
33451 CATGGGAGCT GGCGACCCTT CAAACAGGCT ACCTGACAAG CTGGGATTTC
33501 CATTITIGICA TOCTIGITICT GCAGGTAGGA CAGTAGGGTC TCTGATGTTT
33551 TAGGTIGAGC TAGTCTIGGCA TCTCTTTCTA CTCATAGTTC TTCCTATAAC
33601 AGACAACCCC TGGCCTGTGC TGGGAGCTCA GCCTCAGTGG CTGCTGGGAG 33651 CACAGTCAAG AATGGCCAGC CATTGTGGCT GCCACAGCTC AGGCATCTAA
33701 CTTTTGCTTA GITAGATCCA CCCCCCTGCA ACAGCTCTTC CAGACCCTTC
33751 GGTGTTTTIG GGGTGTTCTG TACTCATACA TTGGGTCCCA TCCATCAGG
33801 ATAGTGGCTT TTGGGCACCA CATAAATGTG ATGGTCAGCC CGGGACCCCC
33851 CCTTGGATTT CCCCTTTCCT GATCTTACGG TCTCGGTGCT CATGAAATTT
33901 TTCTCCACCT TCCTGCTGGG TTCACCAGTT GTGGTACTGA GTCCGTGTTA
33951 ACTTCTGTAA GGATGGCACC AGGTTCAAGA GGCAAAAGAG ACCTGGAGCT
34001 AGCAAACAAG ACATAGGGTT TTATTAGGGA GAACTAACAT ACAGGGACAG
34051 TCCAGTGGTG GTGGACTAGA CAGGAGAACC TCAACTGCTT GCAAAAAGCA
34101 TGCAGCTTAT ATAGCACTTT TATTTGGCAC CCTCCGTGCA GCAGCCTTCA
34151 CGTGGCAACC CTCCTTTCTT AAGITATTGC TCTCAGGTGC ATTTGCCATA
34201 CACCCACTCC CACCGTAATG GCATTAATCC ATTCCTGAGG ATTAATGTTC
34251 TTACGGTCTC ATGGCCTAAT CGCCTCCCAG TGGTCCTACC TCTTAATACC
34301 ATAAAAATAT CAATTAAATT TCAACATGAG TTGTGGAAGG GACATTCAAA 34351 CCATTGCAGT TATTTTAGAG CITTAGTTCA GAAATACAAA TGCAATAACT
34401 TTTACCTCCA AATCATTGAC TCATAGTTGT CTAATTTAGT AGGCTTTGAA
34451 GACCCTGCCT TTAGTCTTTT TGACCTTTTA TCTGGACTGA TATATGTAGG
34501 GAAAGAGGCT CAAGAAGGAA AAACAGTTAG GAAAAGAAAA
34551 ATATTTAGGA ATCTTTGAAT ATCTTACTGT TGGTGGAGAA AATCGTTTTT
34601 CTTTCATTIT ATTIGATCAT TACCACAATT TCTAGGTTAT AGGAATCACA
34651 GTTGGGAGAG ACTGCAGGTT ATGTAGACTA TCAAGGCAAA TACAAACATT
34701 CTTTTGGTAC ATTTTGCTCT AGGACTGGGT CTCACTCTGT CTAGTTTCTG
34751 TGAAGCTGCT TCTAGCGTCA CAGGGATTAG TGGGCCTGGT CGTAGAAATG
34801 GATTACCTAG GGATCAAAAA GCAGAAGTAT CAGTAGATAG CTTTGCTTCT
34851 TTCATTGCAT AAGGTGGTAA TGAAGAGTCT GGATTGCTGT GTAGGTGTTG
34901 CTCTGTAGGA CTTGCCATGT TCAGCATGCC TTACTAGAGA CTTTTTGACT 34951 TTCTAATACA TTTTATGCAC TCTAGAAGGC TCTGGAATTT TTGCTGTCCA
- 24331 LICIANIACA TITIAIGCAC ICIAGAAGGC ICIGGAATTI TIGCIGICCA

FIGURE 3J

35001	GAAATACACT	GTCTGATGAA	GGAAAGAGAT	TTGTAAACAA	CTACAAATAT
3505T	AATGATAAAC AAGCAAATAC	TETETTAAA	TAGAAAAAAT	GACATCTAAG	AAGAAGCTTA
35151	GAGTAGGAGT	TCTACAGTGA	GAAAGTGAGA	AAAGGAAAAC	ATTATTIGAT
35201	TGAATCCTCC	TACCAACCCT	GTGATAGAAG	TATCAGACAG	ACTCAAGAAA
35251	GGCCTCAGAG	CGAGTATCCA	GCAGAGCTGG	GATTTAAAGC	CAAGGTCATC
35301	TTACTTCAAC	TTCATGCTCT	TAATTAAAAC	TAATAAAAGG	TGGATCTTGT
35351	TTAGAGGGGT	ATAAGACTIT	ATAATT TAAT	TITAGCGIAT	GATACTAAGG
35401	AGAGCATCAG TTTCCCCTAA	TCTACCAATC	AATCAGATTA	TEAACACTAG	ACIGAICIAI
35501	GTATTTATTT	ATTITGAGAT	GGAGTCTTGC	TCTGTGGCCC	AGGCTGGAGT
	GCAGTGGCGT				
35601	TTTAAAAAGA	TTAGTGTTCT	AATTACAGAA	TCCAGTAGGG	AAAATATGTT
35651	TGGTTTIGIG	TATACTGTCC	CAAATACTAG	TGTATGTTGT	ATTATGTAGT
35/0T	ATCATTTTCT GGAATTTTTG	CAACACACT	TECTANTOR	CCACCCTCCT	ACAGIAIGCI
328U1	ATAGGTTTTG	ACACTTCCAC	AGACTTGCTT	TTAAAATCAG	CTTGTGATC
35851	TTAGACAGGT	TCTATGCCTT	ATCTGAGCCT	CAGTTTICTC	CATTTGTAAA
35901	TTGAGGAGAT	TGGAGTAGAT	GATATTTTAG	TGTCATAATG	CATTATGACA
35951	TTCCCTGGAC	GTAAGGGAGA	ACAAGAAAAA	AATGGAAGAA	AAAGAAGGAT
36001	AGGAAGAATT	AGAAAAAGGA	AAGGGAGAAA	GAAGGTAAAG	AAAAAGCCCI
36101 3602T	AAGCCTCTTC CTGTGTGAAT	CACTTACACT	TATGTAGTTA	GGTTTTCC	ATGGTGTCT
36151	TAGAAACAGT	GCTATAAAGC	AGACTAATGT	TGGTTGTGAA	GTGCACTGCA
36201	TTTTCTCATT	GGAACAGTTT	TATAATTTCT	GACTAAAGAC	AGAGTAAATT
36251	ACCAGTTTGA	TTAGTAGTGT	GACTTAGAAA	GCTGAAACAA	TTGGGAAACT
	ATAAGCATTT				
	TAAGTGTATC ATGTGTGCAT				
36451	AACTACTCTC	TTAGCTTTAA	ATAAAAAGAA	TIGGACATIT	GGTGTTGCAT
36501	TCCACCTCAG	GTTACAGCAG	TTATTAGGGA	ATAATTTGAG	TTGCTCTCAG
36551	TCCTTTGAAA	TAACTGOCTA	CACAAGTTTG	AACTCACATC	TGTTTTTGT
36601	TGTTGTTGTT	GTIGTTAMC	ATGATAAGTT	TCCTTGGGCA	GGTGCAAGCA
36201	GTCACAATCA	AGAGTCATGG	TAATATCTTA	ATATTTGGAG	GCAATATTAA
36751	TGACTTCTGG	TATATTATAG	GTGCTCAATA	AGTATTIGAT	TAGTTGAAGA
36801	ATAATTTGAG	AAATATGTGT	GAAATCTAGG	AGACATAATT	ATTACCCTAT
	ACACCCTTGA				
3690T	CCTTCAGAAA	TOTOTOTOT	GARICATCIC	AAGAACTCTG	AAGTGGTTAT
37001	TICTGCCTTT	ATAAGTAGCA	ATGAGCAAGT	TATATGLICI	GIGIATOTT
37051	CAAAAATGTA	GGACAGTGAG	GCTGCTTTAA	ATAACTGGTT	TTAGTCCATT
37101	TTTGCCTTCC	CACTGACAGA	TTTCCAAGCT	TTGGCTCTGA	TACGGCCTTT
37151	AACTACATTT	GTTTAAAACA	AGIGCITTIC	AGGAGGTGTT	TTCATTGTTC
3/201	ACCAGIIGIG	TAACCCATCT	TGACCAGATT	COTGAGILLIG	CACTGGCATA ACACTAAGAG
37301	ACTOCATOTO	CAGATIGTATT	TCIGGGTATG	TAGGITAAAT	CTATCTCTTT
37351	CTATTATTTA	TTCTTCCCCA	CGGAATTCAG	GTTGTTCA	CATGTTTTA
37401	ATTCAGGACC	AATCACTTAG	AGCAAAGAGT	CTTAAACATT	ATTATATGAG
37451	AATCACCIGI	AGAATTIACI	CACCTICATION	CTCAGAATCC	CCTGACAAGA TAACAAGTTC
37551	CAGGIGATI	CTAATGCTGG	TIGCTAATIGCG	GCTGATCTGG	AGACCACACT
					CATTATGCAT
37651	CAGGCTCACC	TGGGAAACTA	CACATTCACT	CATGCTCACA	GTCACATTCC
37701	CACTCATAAT	TAAGTGTTTA	AGGGAGTTAG	GAAGCTGGAG	GCAGGATCTA
3//31	TICCACATTE	CAAGIGALII	TTTACCCAAC	TEGETTETECA	TTGTCTGTGA ACCTATGTAA
37851	GAAGCATTTG	TAGAGCTCGT	GAAAACACAG	TTCTGGGGTC	TATCCTGCTG
37901	ATTOCTGTAG	GTCCAGAAGG	TCCAAGTGGG	GCCCCAGATT	TGCATTTCTA
37951	ACAAGCTTGC	AGGTATGTCA	TIGCTGCTGG	TCCAAGAACT	GTACTTTGAG
38001	AATCACTGAT	CTAGGGCAAC	AATTTACCCA	GIIIIIGGAG	ATTCTCTAAC TTGACCGTCT
38101	CTAATAGTGT	TGTTCCGTTT	CCTCCCAGAA	GTTTTGG	ATAGTAATGT
38151	GCTCTTCCAA	ACTATCATTT	AACTTTGCCA	CTCAAGAGAA	AATGAATGTC
38201	TTAAGTTTTT	CAGTTATGTA	TAATGGTTCC	GAATAAAACT	TTAAAAGTGG
38251	CAATACTIC	TGAAAAAAAG	TCACAAGTAA	AACAGTTAAT	TAACAATTCA AGATTGTGGA
28251	CTGCATGTT	TGGGTTTT	ATATGITIGIAI	TCTCTGAGITA	TTTTCCCTCT
38401	TCTGGACTGC	CGCATAGTGA	AGGAAGCTCT	GTACTTTTTA	ACAAAAGTTG
38451	TGCACGTATG	TCTAGTAATG	GCATGAATTG	AAGTGATTCA	GAATTTCTTA

38501 GAACATAGTG AGCTATGCTT CCTGATTGTT TCTGTAATCT AAAGGTTATT 38551 GTTTGTAGGA TATGAATACA AAACCTCTGT AGTGTTTGTG TAGATTGTAC 38601 ATGCCTTTTC AGAGGATAGA AGGTTTACAA TCCATACTTT GTGAGAGTGA
38551 GETTGTAGGA TATGAATACA AAACCTCTGT AGTGTTTGTG TAGATTGTAC
38601 ATGCCTTTTC AGAGGATAGA AGGTTTACAA TCCATACTTT GTGAGAGTGA
- KANDI ATGULTITIC AGAGGATAGA AGGITTACAA TOCATACITI GTGAGAGTGA
30002 / (1000) / (1000) / (1000) / (1000) / (1000)
38651 TAATGOSTCT TITACAGTGT GCTTACTCTC AACATCTCTA ATCTTTTATT
38701 CCAGGITACT AAGTATITIC CATATCITIT AACTITIGTIC CCATAATGAA
38751 TATGAAAATT GGAAGCACTA CAATAGGAAG TGTTGCTTTC AACCCTTAGA
38/31 IAIGMAN GOARDOCK CHARGE IGNOCITY ACCESS
38801 TCTCACATTA TCTGAGCAGA TAACAACGTT TGGTGTTTGT GATTGGGTGT
38851 GAAGCTTATT TTCAAAAGTT ATATTTTCTT TATAATTAAT TTTTTAGCTA
38901 GAGTIGTIGGTT TIGATATIGTICG TIGACTTIGTICC AAAGAGCTAA TIGTTTTIGTAG
38901 GAGIGIGGIT TGATAIGIGG TGACTTGTGC AAAGACTAA TGTTTTGTAG
38951 TTCACCTTTT TAAAGCAAAG AGCAGCTGCA TTTTGAAATG TTTTATCTCA
39001 AATGGGCAAG TTGTTTACAA GCTAGACTCT AACACATCCT GACATTTAGT
39051 GTCTGTGTTT GTATTCCTGC TGGGATTAGG CTGCCTTTCT AATTAATTAG
39031 GICIGIGITI GIATICIOC IGGGATIAGO CIGCOTTE ATTANTA
39101 TTGCATAGCC TTTTATTAAT TCCCTCAAAA TTTATAATGT TTTAAATTAA
39151 CAACATAGAT AAGCATACTG CATTTTTTGG GAAAACATGA AATGTTAATT
39201 ATGTAGCAGT GACATAAGTT TOGTAAACTC TGTTGAATGT TAGAAGATGC
39201 AIGIAGOAGI GACAIMAGII TOGIAMACIC IGITGAAGI IMAGAGA
39251 TTACAACAAT GTTTTCCAAA TATAGGGATT TATTATAAAC TTATCCTTCT
39301 AAGGCTGCCT GTGCCATTTC AGGAGAGTGA ATATAAATAG ATCTTGATTT
39351 CTTCAAGAAG TGGACTTAGT CATTTTGTTT ATGGTGAAAG GAAGTATTTG
33331 CHOOSE CONTINUE CONTINUE CONTINUE TAGGETAT
39401 CTTTGCGTCT CTAAGAATTG TCTTTAGCAT CCTTGTTAAT TACACATCAT
39451 TTCAACATGT TCTTACCAAA TTCTCAGGCC TTGATAAGGT AGCATAACAG
39501 AACAGGAAGA ATTAAAACTC ATATTTAAAT AATTATTTIG TTATTACAGC
39551 ACTTAMATCT GTCTAGTAGC AATACTGAAT CTAATAATTG TAACTTTTTC
39351 ACTIMATICI GICIAGIAGE ACTACIGNAT CIAMIANTIG IAMETITIC
39601 TGAGATGGAA AATTITATCT CTTGTCCAGT GTTCTGAGAT ATTITTAGCT
39651 CATTIGTOCC TOCACCOCCA ACTAGCTTAC TITTAACAGGG ATTITATGGAG
39701 CATCIGCTAT GTATGTAATA GTCCAACTCT TATGAAAGGT TCTGTTTCTA
39/01 CAICIGCIAI GIAIGIANIA GIOCACICI IAIGNAGGI ICIGITICIA
39751 ATATTTTTA CTATTTTTC AATTCTGTCA ACGTTGTTTT CTAAGTTAGA
39801 ATTAAAATAT TGATACTGTA GAAATTTGAT ATTTTAAAAT AAAGTCCAGG
39851 GAAATAATGG GACTTATTGC AAAGCTTATG GTGAGCTCTA CATTCAGATG
33031 GAMMAND GALLANDE ATTACA TOTAL ACT
39901 CTATCATTAT ACTITATCAG CTGATAAACA TTGAGCAAGC TGTTCAACCT
39951 CTTGGGTTTT ATATCCTCAC CAGCTAAGTA GGGATAACAC TATATGGTTT
40001 TAAGAGTTCT TATGAGGTTT AGTAATATAG CCTGGCAGCA GTGGTGATGG
40051 TITATATAGG CCCTIGATAA GTGTCACTTA ATTTCTCCTT TICTTCTTTA
40101 GCCTCTGGAA AATTGATATT TAAACATTTT CTAAAAATTG TATTTTACGT
40101 GCICIGGA AATIGATATI TAMCATTI CIAWATTI TATTIAGI
40151 ATATTTATGC ATTTCTCTGG TAGAAGCTTG TTTGGATTTT GGCAATTTTT
40201 CTGATATGAA GTGTTCTTGA TTATCCTAGT ATAAAAGATA GGGAAATCTG
40251 GCAGAATCCT TTGCTTTGCT AAAGTAGTGA TTTTCACTGA ATCTGAATCA
40301 GTAAAAATCT TGCCTGTCAG TAAGAATATG CAGACTAGAG ATATGGCTTG
40301 GIAAAAATCI TGCCIGICAG TAAGAATATG CAGACTAGAG ATATGGCTTG
40351 TTTTTGGGTA GCCTCCTTGA CAGATTTTCT TTCTTTTTGA GACGGAGTCT
ANANA — COMPANY COCCACCOC CACTOCACTO COCCACTOTT COCTOACTOC
40401 TACGCTTTT GCCCAGGCCG GAGTGCAGTG GCGCAGTCTT GGCTCACTGC
40401 TACCCTTTTT GCCCAGGCCG GAGTGCAGTG GCGCAGTCTT GGCTCACTGC
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG
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40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG 40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG 40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGGTGAC TTTGGGTCAT 40701 CCCAGATGTA AGTTGGTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA 40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AAATCAGTCCA ATTCAGTGGT 40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGGAAGA CAGTTTTTCC 40851 ATGGACCTGG GGTGAGAGGG TGGGGATGAT ATCCGGATGA AACTGTTCCA 40901 CCTCAGGTCA TCAGGCATTA GATTCTCATA AGGAGCAGAC AACCTATTTC 40951 CCTCACGTGC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTAATG 41001 CTACTGCTGA TCTGATAGGA GGCGGAGCTC AGGTAGTAAT GCTTGCTCGC 41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATAG GCTAGTACCA 41101 GCCCATGGGC CATTGGTTGG GGACCCCCTGC TCTAATTAAT GCATTTTACA 41151 AGGGACGTAT TATTGTAGCT AGATAAATAA GCAGTAATTT TGCAGCATAT 41201 TTCATAAAGGC AATGAATTTT CTCCTCTGTTTT TTATAATTCT AAAATGTAGT 41301 TATGGATATT ATATAGAGGT GGAATTATTT TTATCAATGG AGTGGGTATT 41301 TATGGATATT ATATAGAGGT GGAATTATTT TTATCAATGG AGTGGGTATT 41301 TATGGATATT ATATAGAGGT GGAATTATTT TTATCAATGGA AGTGGGTTTG 41401 TTTCAGAAAAA AGAGGTGGTA GTTTTGATTC TGTTTAAGCT CTAAATGACA
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG 40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG 40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGCTGAAC TTTGGGTCAT 40701 CCCCAGATTGA AGTTGGCTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA 40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AATCAGTCCA ATTCAGTGGT 40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGAAGA CAGTTTTTCC 40851 ATGGACCTGG GGTGAGAGGG TGGGGATGAT ATCCGGATGA AACTGTTCCA 40901 CCTCAGGTCA TCAGGCATTA GATTCTCATA AGGAGCAGAC AACCTATTTC 40951 CCTCACGTGC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTAATG 41001 CTACTGCTGA TCTGATAGGA GGCGGAGCTC AGGTAGTAAT GCTTGCTCGC 41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATAG GCTAGTACCA 41101 GCCCATGGGC CATTGGTTGG GGACCCCCTGC TCTAATTAAT GCATTTTACA 41151 AGGGACGTAT TATTGTAGCT AGATAAATAA GCAGTAATTT TGCAGCATAT 41201 TTCATAAGGC AATGAATTTT CTCCTCTGTT TTATAATTCT AAAATGTAGT 41301 TATGGATATT ATTATTTTTTG ATATTTTTTTGTACT TTATTCAGTATTT TATTATAGTT TATATTTTTTTTTT
40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG 40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG 40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGCTGAAC TTTGGGTCAT 40701 CCCCAGATGTA AGTTGGTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA 40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AATCAGTCCA ATTCAGTGGT 40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGAACA CAGTTTTTCC 40851 ATGGACCTGG GGTGAGAGGG TGGGGATGAT ATCCGGATGA AACTGTTCCA 40901 CCTCACGTGC ACAATTCACA GTGGAGTTCA AGGAGCAGAC AACCTATTTC 40951 CCTCACGTGC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTAATG 41001 CTACTGCTGA TCTGATAGGA GGCGGAGCTC AGGTAGTAAT GCTTGCTCGC 41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATAG GCTAGTACCA 41101 GCCCATGGGC CATTGGTTGG GGACCCCTGC TCTAATTAAT GCATTTTACA 41151 AGGGACGTAT TATTGTAGCT AGATAAATAA GCAGTAATTT TGCAGCATAT 41201 TTCATAAGGC AATGAATTTT CTCCTCTGTT TTATAATTCT AAAATGTAGT 41301 TATGGATATT ATAATAGAGAT GGAATTATTT TTATCAGTGAT AGGAGCACT CAATGGATT 41311 TATGGATATT ATATAGAGAT GGAATTATTT TTATCAGTGA AGTGGGTATT 41351 TTAGTATTAC TTTTGCTACT CATTTGATTC TTTTTACAGCT CAATGGATT 41361 TATACTATTT ACTTTGCTAG TAGAAGATTT TCTGGGTTGT TTTGCCCAAGA 41501 CTATAAAAAAAT ATAAAAACTTG AGGAAAAGGTT TCTGTTCTAA TTAAAAACAAT
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40451 AACCTCTGCC TCCTGGGTTC AAATGATTCT CCTTCCTCAG ACTCCTGCGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTIGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTC TGAATTCCTG 40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG 40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGCTGAAC TTTTGGTCAT 40701 CCCAGATTG AGTTCGCTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA 40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AATCAGTCCA ATTCAGTGGT 40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGAACA ACTTCAGTGGT 40801 CCTCAGGTCA TCAGGCATTA GATTCATAA AGGAGCACA ACCTATTTCC 40901 CCTCAGGTCC ACAATTCACA GTGGGATTCA AGGAGCAGA AACCTATTTCC 40901 CCTCAGGTGC ACAATTCACA GTGGGATTCA AGGAGCAGA AACCTATTTCC 40901 CCTCAGGTGC ACAATTCACA GTGGGAGTTCA AGGAGCAGA AACCTATTTCC 40901 CTTCACGTGC ACAATTCACA GTGGAGTTCA AGGAGCAGA AACCTATTTCC 41101 GCCCATGGGC CATTGGTTGG GGACCCCTGC TCTAATTAAT GCATTTTACA 41101 GCCCATGGGC CATTGGTTGG GGACCCCTGC TCTAATTAAT GCATTTTACA 41101 TTCATAAGGC AATGAATTT TATTTTTGTAGCT TATTTTTTTTTT
40451 AACCTICIGCC TCCTGGGTTC AAATGATICT CCTTCCTCAG ACTCCTGGGT 40501 AGCTGGGATT ACAGGCATGC ACTACAACGC CTGGCTAATT TTTGTATTTT 40551 TAATAGAGAC GGGGTTCCAC CATGTTGACC AGTTTGGTCC TGAATTCCTG 40601 ACCTCAAGTG ATCTGCTCAC TTCAGCCTCC CAAAGTGCTG GGATTACAAG 40651 CATGAACCAC TGTTCTGGCT GACAGATTTT CTTGCTGAAC TTTTGGGTCAT 40701 CCCAGATGTG AGTTCGCTGT AGGCGTGTCA TAGAGCAACA GTAGTAGGAA 40751 TACAAGTTAA ATTGATGTAT ATGTCATGAT AATCAGTCCA ATTCAGTGGT 40801 CCCCAACCTT TCTGGCACCA GGGACCGGTT TTGTGGAACA CAGTTTTCC 40851 ATGGACCTGG GGTGAGAGGG TGGGGATCGAT ATCCGGATGA AACTGTTCCA 40901 CCTCAGATCA TCAGGCATTA GATTCTCATA AGGAGCAGA AACTGTTTCCA 40901 CCTCAGGTCC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTATTC 40951 CCTCACGTGC ACAATTCACA GTGGAGTTCA CACTCCTAGG AGAATTAATG 41001 CTACTGCTGA TCTGATAGGA GGCGGAGCTC AGGTAGTAAT GCTTGCTCGC 41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATTAG GCTTGCTCGC 41051 CTGCTGCCCA CCTCCTGCTG TGAAGCCCAG TTCCTAATTAG GCTTGCTCGC 41101 GCCCATGGGC CATTGGTTGG GGACCCCTGC TCTAATTAAT GCATTTTACA 41101 TATGAATATT ATTTGTAGCT AGATAAATAA GCAGTAATTT TGCAGCATAT 41201 TTCATAAAGGC AATGAATTTT CTCCTCTGTT TTATAATTTCT AAAATGTAGT 41301 TATGGATATT ATTATGAGAT GGAATTATTT TTATAATTTCT AAAATGTAGT 41301 TATGGATATT ATTATGAGAT GGAATTATTT TTATAATTTCT AAAATGTAGT 41401 TTTCAGAAAA AGAGGTGGTA GTTTTGAGCT TTTTTCAGTACA ATTGTGCTACT GTTTAAACTATT ATTTTGCTACT CATTTGAGTT TTTTTCAGTAGA ATTGTGCTACT GAATGGTTTT 4151 TATACTATTT ACTTTTGCTAC TAGAGAATTT TCTTGGGTTGT TTTTTCCAGAAA 4151 TATACTATTT ACTTTTGCTAG TAGAAGATTT TCTTGGGTTGT TTTTCCAGAAA 4151 TATACTATCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TTTTCCAGAAA 4151 TATACTATCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TGGAGGTTAT 41601 TCTTGATTCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TTTTTCCTTT ACTCTTTTTT TATCTAATCT TTTTTCAACT TAAAAAAAA
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422UL	AACTGAGGAG TCAGATGAAA	TCACCTAACC	ACTICACTICAC	CAAATAATCC	CTATTCCTTC
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	ATGTACTGAC				
	TTTGTAGTTG				
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42501	ACCACAGTTA	CATAAAGTGC	TTAGTICCT	ACTIGGAGG	TCATGGGAGT
42551	GTGGAAGAGA	GACATTCTAG	TGGTGTCTTG	TGCCTAGCTG	CTGGATTGCA
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	GAGGAAGTTG				
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51201 GTTTTGTAAT GATGTCTGCT TTTTCATTCC TAGTATTGGA AATGTGTCTC
51251 TTCTCTCATT TTCAGACAAC CAACCTTTGG CTTTACTGGT TACTTTTTT
51301 AATTGTGCAT TIGTTTTCTT CATTATTTCC CTCCTTCTTT TTTCTTTTAC
51351 GTTTAATTTC TTCTTTTTCT AATTTCTTAA GATGAATGCC TCACTGACTC
51401 TCAGTCTTTT TTTTTTTTA TCTACATTAA GCCTACCAGT GTCCCCCTTC
51451 GTACTGCAGT AGCAGCATCC TACAGATTTT CATATTATAT TIGTATTATT
51501 ATTCAGTTGA AAAAATTCAG TTTTCATTGT GATTTTTTTT GAGCCATGAC
51551 TTATTTAGAA ATGAATTAAC TGATTTTCAA ATATTTGTGT ATTTCTTAGG
51601 ATTITITIGT TACTGATTIT GITATTCATT CTCCTGAGGT CAGAGAACTA
51651 TACTITATGA TITICAATOCT TGAGTTACAT GGAGAGTTGC TITIGTGTCCT
51701 AGCATAGGGT CAGTTTTGGT AGATATTCCA GGTATGCTGG AAAACAGAGT
51751 TATTITATTA TTTTGATGTT GTTTTTTAAT ATATACCAAT TAGGATAAGT
51801 GAGITAACTT TGTTTTTCGT ATCITCTGGT ATCITCTATA TATTCTTTT
51851 AAAAATTTTG GCTAATAAGG GAAGTATGTT AAAACCTGCA GGCAAGGTCT
51901 GITTCICCAT TIAGTICIGI TIACTITIGI TITATGIATI TIGAATITIC
SIDES TRANSPORT TRANSPORTED THAN THE TRANSPORT TO THE TRANSPORTED TO THE TRANSPORT THE
51951 TTATCAGGCA TGTATTAATT TAGAATTTIG TATATTCTIG GTGAATTGAC
52001 CCTTTTATTA CCCCGAGTGT CTGGTGATGC CTCTTACTTA ATGCCTATTT
52051 GATAGTAGAT ATAGGTGCGC TGTTATCCTT CCATGTATAT TTCATTCTG
52101 GTATATTIGC ATAGTATICC TITTATTCTT TTACTTICAA CCTTTGTATA
52151 TICTTATATT TCAGATACAT CACTTGTATG CAGGGTAAAT TGGGGTTTTA
52201 TITTITIAAT CCATCTGCTG TIGTCATTGT TTAAATTCAA GTACTTAATA
52251 CATTTATATT TAGGGTAATA TCTTAAAATA CTTAGGTTTA ATGTAGTTCC
52301 TTATTTGCCC CACTTGTATG TTTTTTTTCC TGTTTTTTT TTCATTCTT
52351 TGGAATAGGC AAGTATTTT ATTATTTCAT CCTCTTCCCA TTGTCTTTT
52401 AGTTAAACAT TITAACTIGG CCTTTAGTGA ATATCCTATG TITGTCTCCT
52451 TGGCTTATTA GGGGCTAGTA TGCATTGCAA ACATTGCAAC AGATGTTTA
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52501	TTATTATTIG	GGTACATTAA	GTTGTGCTAT	GTTTATTACA	GAATCAGTCT
52551	TTGTACTITA	CTTTTTTGGA	GACAGGGTCT	CACCTGTCAC	CCAAGTTTAG
52601	TGACTGAGTG	CAGCAGCATG GTCATTGCGT	AIGAIGGCIC	ACIGOGGICI	ATTECCACCAC
25201	GGCTCAAACA	TTTTGAAAT	TITITAGAG	ATGAAGACAC	ACACHETTICC
22/UT	CACCCTACT	CTCGGACTCC	TECATECAAG	WIGHT OF THE	CTCTCACCCT
22/27	CCCAAACTGT	TGGGATTACA	ACTICICACC	ACCETTCCCA	ACTIGIACIT
		TAACTTTTGA			
52001	CTCTCTCTCA	GITACTATIT	TCTTTATG	TTCAGAGGAG	TEGAGATTIT
52951	ATTCACCTTA	AATTCTGTAG	TTTGTATTAG	AAATAATAGA	GATTITGITA
53001	TTTTATAAAT	ATGITTATAT	TATAATATTA	AATATACTTT	TAAAAACCAC
53051	ATATTGCCTG	TGTTTCTAG	ACCCCTTCCT	TAAATGAAAA	TAATGTATCA
53101	TTTAGTGTCA	GATTTTATGT	TTGCATGATA	TTAAAAAAA	GTGGCAGGAA
53151	AATTACTAGA	CCATTTTCCCC	TGTTTCAGTT	TITCIGICIC	AGTAGGGTGA
		CCAAATTAGA			
53251	GGCATTGAAG	TATTTTGATT	ACATCCATTT	ATGTTAGATA	TTTTAGGAAC
53301	AGCTTAAATT	TTCCCAGGCC	ACAAGGTACT	GTTTGATACA	ACATGGCACT
53351	GCATAGATAC	TCCTCAACTT	ATGATGGGGT	TATGTCCTGA	AAAAACTAGT
53401	GAGTCAAAAT	ATGTGTGG	CTGACTTGGA	ACTGTAGCTT	GCTGTGGCTG
53451	CCCAGCGTTG	CAAGAAAATT	ACTGAATTCA	TATIGCITTI	GIACCATIGI
23201	AAAGTGGAAA	ACTCTTTTT	TITIGAGACG	GAGITTIGCT	ATTATIGCCC
2322T	AGGCTGGAGT	GCAATGGTGC GATTCTCCTG	CCTCACCCTC	CCAACCACCT	ACCATTACAC
2200T	CCATTCCACCA	CCACACCCGG	CTAATITICE	ATTITION	CACACCTICCT
22201	TTCTCCATCT	TEGTCAGGCT	CIACITICAAC	TOTICATOR	ACCTICATION
53751	CTICCCTICC	CCTCCTAAAG	TIGGIGGATT	ACAGGCATGA	GCCACCACAC
53801	CTCCCCATAA	AGTTGAAAAG	TCTTAAGTTG	AATCCTAAGT	CAGGGACTIGT
53851	CTTTATCACT	GAATATITIT	TAATGCTTCT	GCTCCATTTA	ACTAATGAGG
53901	ATGTCGAGTA	GTAAATCGAC	CCAATTTATC	ATCGTCTTAG	TCCAGTTTCT
53951	GCTGCTATAA	CAAAATACCA	CATACTTGGT	AATTTACAAA	GAACAGAAAT
54001	TTATTTCTCA	CAGTTCTGGA	GGCTGGAAAG	TCCAAGATCA	AGGTGCTGGC
54051	AGGTTTGGGC	TCAGTCTCTT	TGCATCCAAG	ATGGTGCCTT	GAATGCCATA
54101	TTCTCTAAAG	GGGAGGAACG	TIGIGICCIC	ACATAGCAGA	AGGGTAAGAA
54151	AAAGGGCAAG	CCTTTCTTAT	AGCTGTATTA	ATCCATTCAT	GAGGCTGGAG
54201	ACACCTCTCA	TTAGGCCTCA	CCTCCCATCA	GIGIGICATT	AGGGATTAAG
54251	TTTTAACATG	AGTTTTGGAG	GAGACAAAAA	CATTCATACC	ATAGCAAACA
54301	TAAACATGTC	AAGAATTGTA	AAGGGICIGA	GATTTIACIC	ACCITIACI
		AAATTTIGTG			
24401	ATTIGLAGIAA	CATAATTAGC	ATACAGAGG	CTACCTGACA	CCTEACCCTT
24501	TATACCCTTC	CATCACAGTA	CCCCACCCTT	CAATTICTACA	ACCTGAATCT
54551	TITATAATIG	ACAGTAAGCA	TGTCTATCCT	TIGCTITIGGA	GAGAGACACT
54601	патпа	GCATACCAAC	ATCCTTTAAA	AGATAGTCTT	GAACAGAGGC
54651	AGTCAGTGAT	TTTACTCTCA	AGCAGAAGTG	CAAGAGATGT	GAAGAACCAT
54701	CTTTCAGCAT	TTTGGAAGGC	AGATAAAGCA	AGTGGGTATT	TGTAAGATGT
54751	CCTAAAGAAG	TGACTTGCTG	TCTTTAGGAA	GCAGGGGATC	TATTTTTGGA
54801	GIATGITTGT	ACTATTCACT	GCTTTTCTT	GGTAGAGAAA	GATACTCAAC
					CTTCTGTTTA
54901	TATATAAAAG	TTCAAATAAG	TGAAAACAAA	ATGATGGAGT	GGTATCATTT
54951	TAATTTAGTA	AAAATGTATT	GAGGTATAGT	GTTTIGAACA	AGAAAGGTTA
55001	AAAAATCATG	GGAGCTAGCT	GGIGIICCAG	GATAACTTTA	GATATTCAGA
2202T	CIGGATTICI	GAGAGAICIC	ACACCATATA	CICCIICAAA	GTGGAATTTT
22707	CTAAACCTCC	TCACACATCA	ACCCCTCTA	AATCTCACAG	CCTGATGGAG
22201	ACCACATTCA	CTCTTCTCAA	TGTTTAAATT	TCAAGCAAAT	AGCAAAGACA
55251	AAGAACTTAG	TATICTAACTT	CTCAAGTCAG	CATGGTATCT	TTGAATTTAT
55301	TITIGGATCTC	TCTAAATTTG	ACTITIGITICA	CTATCTTCCT	GGCTGCTTTA
55351	GTACCTTTTA	TTCTACGTCA	TCCTAGTTTT	TCTTTCCCTT	TTAAAACATC
55401	GITCITTI	ATGCTATTCA	ATTGATGGGC	TTTCCTAAGA	TTGAGCCTTC
55451	TACACTTATT	CCTCCATCCC	TGACCCCTCA	CTAGCCTCCC	CTTTTAGATC
55501	TCTCCCTTGC	TATAATATCA	AATCTTACAT	GTATGCACAT	CACTCTGAAG
55551	TITIGCTTCAC	TCITGTATTT	CAAAATCACA	TTTCCAACTG	CCACCTGAAT
55601	GTTGCTTGC	AGGTGTTTTC	CCAGTACCTT	AMACTITIGT	AATTCTAGTT
25651	TGAATGTATT	TACCAAAAGG	GCAGGGCAA	AAGCATGTTT	TAATTTTAAT
22/01	ATTITACTO	ITTAAAAGAA	GIICCOM	AAATTC	TGATAAATCT
22/21	AAATAATT	TTTTATGGAT	AACTATT	CATATTT	TTATATTTGT
22007	TAACTIC	CATTTTTACA	TITATIO	ACATTCTACA	ACCTICTCT
550V1	CAACCTCTCA	ACCOUNT.	TACAACGACA	AAATGTTTA	AATGCTGTAA
55951	TCTTGCATGG	GITTGGGTT	TTTTAATATT	TTIATIGGIG	ATAATTCTGT

56001	CACAGGATCC	TTAGGGTGTC	ACTITICCAG	CCAGAAACCT	CTGTGGCCGG
56051	TGGCACCTCT	GCCCGAGTTA	TAICCICCG	CCCACTGGGC	TIGTICIGG
26101	CACTIGGICC	AGCAGGCTGT GGGTGAGCCA	ACTIGOCTIG	IGCIAI IGAC	CIGGAICCIA
20121	CCCCCACCTIC	CGGCCACTGC	ACACAGCCAG	CCATCCTCCC	TICCACTICICAC
2050T	TECACACCEC	CAGGTGCAGG	CACAGGCACC	CONTINUE	CACCATCTCC
20231	CTCCACCACC	CATACCACAA	GIGITICCA	CCCTTGCGCAC	CAGGTAACGT
56351	CIGGACCACC	GGAAGCTTGG	AGATGTTGGA	AACAGCAGAG	CCCCAAAGAG
56401	AGTGTCACAG	CTCTGGTATC	ACAGCTCTGA	TCACAGCCCT	TGCATCTGGG
56451	CTCCCCAGAG	GGCCACAGCT	CCTCTTCTTC	TCATTGCCCA	AAATGTGGTG
56501	ACCAGTGGGC	GIGITTCAGT	CCTGTTTGTG	TTACAGCTCT	TTCAGTCCTG
56551	CCATTTGGAA	GGTTCTGAGT	TCTTGTCCAG	CCTTTAGGAA	GAATGAGGTA
56601	TGTGGACAGC	TGGAGGGTGA	GCAAGGCAGA	GAGGAGCTTC	ATTGAGCAAG
56651	AGAACAGCTC	TCAGGAGACC	TGAAGTGGGT	AGGTCCTTCT	GCCATCAGGT
56701	CGTCCTGATG	AGCGTCCAGC	TCTCAGCAGA	GAGGATACCT	GGAGGGGGTA
56/51	GCTGCTGTCC	ACAGGCAGGC	CATCLICACA	AAIGICIAGC	CATTOCTICATIC
2000T	GAGGACACCI	GGAGTGGGTA TGTCAGTGGA	CACCACACCC	ACACTICICETA	COTTO
26001	AGIGICLIGE	TGTCCCAGTG	CATICTOCACC	TCTCACTCCA	GAGGAGACCA
26021	CAATCCCTAC	CTCCTATCTG	CCATCCCAGC	TACTICTICAG	TTCTCAGCGG
57001	ACACCACACC	CAGAGTGAGT	AGCTCCTGTC	CTCAAGCTGG	TCAGCCTGAT
57051	GAGTGTCCAG	CTCTCAGCAG	AGAGGAGACC	TGGAGTGGGT	GGCTCCTTTC
57101	TGCAGGCAGG	TTGCCCCAAC	GAGTGTCTAC	TTCTCAGCGG	agaggagacc
57151	CGGAGTGGGT	AGCTCCTTTC	CATAGGCAGG	GIGICCCAGI	GAATGTCCTG
57201	CTCTTAGTGG	TGAGGAGACC	CAGGGTGGGT	AGCTCCTTCT	CACAGCTGGT
57251	AGTOCTGACA	TCCCAGTGAG	TCTGGCTGAG	TCGGGTTTTT	ATGGGCTTCA
57301	GAAGGGAGGA	AGTGCATGCT	GATTGGTCCA	TGGGTGGCCA	TGGGCAGGCC
57351	CAGAAAAAGC	ACCATAAGTT	CTTGGTCTCA	GCTGCAGACT	CTACCCAGCT
57401	CTGACAGCCT	GCCCTCCATG	CITICAGGCIG	CACCOCCTC	AAAGGIGGGG
5/45L	CTTCACCAGG	GACTCACTCC	ATTOTTOTT	CCCTCTTCAT	CCTCACCCCC
2/20T	CCTTCCACCA	CATGTCGTCC	ACACCCTCAG	CTCCTCAC	ATACTCATTG
2/22T	CCACCCAAAC	TCTGGAGGGG	ACCAACCTCG	AAGGGAGCTG	CACTICTCACT
57651	CCCACCTTGA	GCACATGAAC	ACCTAGGTGG	GTCATGACAG	TEGCTIEGCT
57701	CAGCCTTAAC	TITIGGICIGA	AATCAGAGCA	GGCAAAAAGT	TTTTCTGGGA
57751	CTGGGGAGAG	GCCAGGCAGT	AGAAGCAGGC	ACTTCGGAGC	CTGTTGGGGC
57801	AGGGGGTGCT	TCCTGGGTTC	TCGAGAGTGG	AGGGATACCT	GGGTCCACAG
57851	CCATGGCTGG	GCAGCTGCAG	CTGTGCCTGG	GTGAGTGGGG	CTCACACCCC
		AAAAGAGCAG			
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58001	TTCACTGTTG	CCACTCCAGA	TGGGCCACCG	GAGCCATCAA	TICAGICIGI
58051	ATTTATGAAG	GAAAAGACAA TGCGGAGAAT	AICHGIGH	ACTITUCICI	TOCOTOATOT
28101	CAACCTCCCT	CCACTCCTCA	ACATTACTICT	CAACCATTTC	TTGCAGGCAA
20121	TCAATCATAT	CAGACTCAGT	GCCATGAGGG	AAATAGCAAT	TGATGTCCCA
58251	AATGTAAGTC	ATTTATGTCC	CACACTAGCT	ACACTGTTTG	AATTAAACTC
58301	TGAAAAAAAT	TTAGAGTTCA	GGGAGACTGA	CTTCCTAGGC	TAAACTTTAA
58351	AAAAATATTT	TICTTAATTG	AAAGTTTTAT	TGAGATAGCT	GTAAATTCAG
58401	TGCAGTTATA	CGAAGTAATG	TAGGGAGATT	CTGTGTATCC	TATACCCAGT
58451	TTCCTCCAGT	GGCAACATTT	TGCAAAACTG	AAGTACAGGC	TGGGTGCAGT
58501	GGCTCATGGC	TGCAATCCCA	GCACTTTGGG	AGGCTGAGGT	GGGCGGATCA
58551	CTTGAGCCCA	GGAGTTTGAG	ACCAGCCTGG	TTAACATGGT	AAAACCCCAT
2860T	CICTACAAAA	AGIACAAAII	AGLIGAGIGI	CACCOCTCCC	ACCTGTAGTC GAATGTTGAG
2002T	CCTCCACTCA	CCCATCCTTC	TECCACTECA	CTTCACCCTG	GGTGACAGAG
58751	CEACACTC	TCTCAAAAAC	AAAAAACAAA	ACACCCAAAA	AACTATATTA
58801	CAATACTAAA	ACCAGGATAC	CCTATTGAT	ACAATCCATT	GATCTTACTC
58851	ATATTTTTC	AGTTTTACTT	GIGIGIATGI	GTTTATTTAG	TTTTATACAA
58901	TTTTATCTCA	TGAAAAGGTT	TGCGTATTCA	TCACAGATAC	TAAGTAATTC
58951	CATCACCACA	AAGATCCCTC	ATGITGICIT	TTATAATCAC	ACCCACCTCA
59001	TTCCTCCCCT	CATTTCTAAA	TTTTATTTC	AGAACCTTTA	TATAAATGGA
59051	ATCATACTGT	ATACAACCTT	TTGGAATTAG	CITTITICAC	ATATGAGTAA
59101	GATCTTTTGT	crncigigi	ACCTTAACTT	ATTICAGTAG	GCATAATGTT
59151	CCCCAGATTC	ATCCATGITA	TATECCACAT	CAGIAITITC	TICTTTTAT
2257	CATTITUTE	AAIAITUAT	TATIGUAGA	ACACTTAGAT	CATTATACCA TGATTCCCTA
203W 7252T	TCTTCCATTC	TETEAATAAT	CLUTTACTCA	ACATGAGAGT	GCAGATATCG
59351	CTTCACATA	CTTCATTTCC	TTTTGATATG	TACCCAGTAG	TAGGATTGCT
59401	GAATCTTTTG	GTAACTTAAT	ATTTTGAGGA	ACCACCATAC	CATTTTTCCA
59451	TAATGICIGT	ACCACTTTAC	ATTCCCACCA	ACAGTGTACA	AGGGTTTCTT

59501 TITICTOCATA TOCTTOGCAA CACTTATCIT TCATCTTTTT GGTAATGGCC
59551 TTCCTAACAG ATGTGAGGTG ATATCTCATT ATAGTTTTGA TTTGTATTAC
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59651 GTACGTCTTC TTTTAACAAA TGTTACTCAG ATCCTTTGCC CATTTTTAAT 59701 CAGATTGTTT GTTTTTTTT GCTTTTGAGT TGTTTGAGT TCTTAATATA
59751 TATTITAGTA TITTGGATAG CAGCCCCITA CCTCATATAT GGTTCACACA
59801 TATTTICICC CATTCCATAG GITGICTCTT TACTCIGITT CCTTIGCTGT
59851 GCAGAACTIT CTGGTTTGAT GCAGTCCTGT TTGTCAGTTT TTGTTTTTCT
59901 TGCCTCTGCT TTTGGAGTGT ATCCAMANAT TCATTGCCCT GGACCCATGC
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60201 GOGTGGATTT ATTICTGGGC TCTCTATTCT GTTTCATTTA TTTATATGTC
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60401 AGGGTTGCTT TTCATATTTT AGAGAAAAAT GCCATTGGAA TTTTGGTAGT
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60551 TCTTCTATTT CATCAGTATT TTATAGTTTT CAGTGTACAG GTCTTTCACC 60601 GTCTTGGTTA AGTTTTTTCG GTATATTTAA AAAATACTAT TGTAAATGGG
60651 ATTITCTTT TITAATTITT TGGATAGTIG TTAGAGTATA GAAATGCTAC
60701 TGACTTTTGT TGTCGATTTT GTATCCTGCC AATTTACTGA ATTCATTTAT
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61901 CTAATTTTIG TATTTTTAGT AGAGACGGGG TTTCACCATG TTGGTCAGGC 61951 TGGTCTCAAA CTCCTGACCT CATGATCCGC CCACCTCAGC CTCCCAAAGT
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62951 CCCCTCAAAA ATCACACTAG GGATGTGTTT CCATTTGTGT CGTGTATTTC

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63001	TTTCAGTTGT	GTTTGTAGT	TTTCCTTGTA	GAGGTCTTTC	GACTCCTTGG
63051	TTAGGTGTAT	TCCTAAGTAT	тттыс	AGCTATTGTA	AAAGGGTTGA
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			TGTATCTGGA		
			CCTAAGGAGG		
			AGTGACAGTT		
6330T	AIGCCITICA	AACACCACC	TTGTCTGATT GTGAGAGTGA	GCICIGGCIA	CETTETTCCAG
			ACTITICCCC		
63451	CICCCITIC	CATAGATICA	TTTTATTACA	TTANGETATG	TOCCATGTAT
			TAATCATAAA		
			GAGATGATTG		
			TTTATTGACT		
			CACTTGATCA		
63701	ATGITGITGG	ATTTGGTTAG	CTAGTAGTTT	TTTAAGTAAG	GATTTTAGCT
63751	TCAGTGTTCA	TCAAGGATAT	TGGTCTGTAG	ппсппп	TTGGTTATAT
63801	ccrrrictics	TTTTGGTAGT	AGGGTGATGC	TGGCTTCATA	AAATGACTTA
			TGTCTTGTGG		
			TTTGAATGTC		
			GTTTGCTCT		
			TCGCAACCTC		
64101	THETHETHE	TCACCCTCCC	AAGTAGCTGG	CTCCCATTAT	AAGCATGTGC
64151	CATCACCCCT	CCTAATTTC	GTATTITIAG	TAGAGATGGG	GTTTCTCCAT
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			TTATAGGTGT		
			CAATCTCACT		
64351	GGGTACTAAT	TCTTCCTGAT	TTAAGCTAGG	AGGGTTGTAT	TTTTCCAGGA
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64451	TAGTAGCCTT	GAATGATCTT	TTGTATTICA	GTGGTATCAG	TTGTAATATC
			AGGITATITA		
			CTATTTTATC		
			TTTTTTT		
			TTCTTCTGCT		
			AGGTGCTTTG		
			CAGAGGTTTT		
64851	TCATTCAGTT	CGAAGAATTT	TITAATTITC	ATCTTGATTT	TGTTTTTGAC
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64951	TCTGAAGGTT.	CCTTTTGGAG	TCGGTTTCCA	ATTITGTCCCC	ATGGTGGTCT
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			CTGTTTTGGA		
			ATTGTTGGAT		
			GGTATAGTTG TGTCTAGTGC		
62221	CCCCTACTAT	TATTETETE	CIGICIAGIGC	CATTTCTTAG	CTCTCTTACT
			AACTCCAATG		
			AAAAACAAAC		
			GACACAAAGT		
65451	CAGGGACTTG	GCGGGAAGAA	TGGGAGGGG	GTGAGGGATA	AAAGACTACA
			GCTCGGGTGA		
			ACTCATGTAA		
			AAAAATACTA		
			TTGGTTGTAG		
			CTCTTCAAGT		
			ATTGTTGAAA TGTTACTCCC		
			CAGTGTTCAG		
			GACTETTATE		
			TAGICTATTT		
66001	ACCCCTGCTC	TATTTTGATT	GCTATTTGCA	TGAAAATTGC	TATGAAATAG
			ATAGCAATCA		
			TTTAAGAACA		
			GAATACTTTA		
			ATTITGAATC		
66201	TEATACCEA	CCCCTTACTA	AGAATTTAAT GAGCTATTTT	ATTICITIES	CTTTTCTACT
66321	ACCITICITY	CITICITA	CTCTTGCTGT	CHICATION	CATICTICATIT
			TIGATICTIT		
			GTGATTACTC		

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66551	CACACACAGA	CICIACICTI	TAATTICTCC	TGCCCCCATA	TTTTATGLIA
	CTGATGTCAC				
	ATTGTGGCTA				
	TAAAAATGAT TATTCTTACC				
6C001	TTAGCATCCT	TTCATTTTAA	CTTCATCAAC	TOCTOTACT	CCTCCTCAAT
	ACCCACACTTT				
	CCAGCCTTTT				
	TTTCTTTTAG				
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	TATGATTATA				
67151	NNNNNNNN	CAAAATACAC	TAAAACAAAT	TATATTCATT	TCCCTCTCCA
67201	GATTTGGGAA	ATTITICIGIC	ATTCTTTCTT	ппппппппппппппппппппппппппппппппппппппп	TTTGAGACAG
67251	AATCTCACTC	TGTCACCAGG	CTGGAGGGTA	GTAGTGTGAT	CTTGGCTCAC
	TGCAACCTCT				
	AGTAGCTGGC				
	TTTTAGTAGA				
	GACCTCGTGA				
6/501	CTGAGCCACC	GIGCCCAGCC	CATTATTICI	TTAAGTAAAT	THEIGUE
	TTTCTCTGCT				
	TGTTGCGTTC				
	CTGATTCTTC				
	AATTCACTCA				
	TATACTCTCT				
67851	TCCTGGATTC	ATGITATITG	AATTCTCTTG	TAGCTAAGAT	GATTATTTTT
	TATACTTATC				
	GGTGCTTAAT				
68001	TTTTGTGGAC	TIGIGITATI	GTCTGTGCAT	GTGAAAAAGT	AAACAACACT
68051	TCTTGTCTTT	ACAGATTGGT	TTCTGTAGGG	AAAGCCCTTC	ACTAGTCAGC
68101	TTGTCTAGTA	GTTCTTGGTA	GGCTGTCTTG	CTGCTGGAGT	CCTTGGGTAT
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68351	GGGCCTTGAA	TTCAGGACCA	TAGTGGTGGG	TCTAGAGCCT	GAGACCAGCC
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	CTCTTGTGTA				
COEE1	GGGGGCTGAC AGCTGGATGC	TTATCTCATC	CTTCTTCCAT	CTCCACACTA	TTTTTTCA
	CATTGTGCTG				
	TTACTTCCTA				
	TGAGACGAAA				
	CGGCTCACTG				
	GTCACCTGAA				
	ппы				
	AGAGTAGTCA				
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69001	ATTITIGITC	TOCACCCAGG	TACTCTAATC	TCTCACTTGG	ATTCCTTAGC
69051	TGTTGTGAAG	GTATTTICAA	GTGTGGGCAA	TTGTTCAAGC	TGATATTTCT
	GTGAGGAAAG				
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60301 0352T	CCTCACTGTG	AAATTCITAC	CTAAAAATAA	AACAAAAAA	AAAACAAACC
	AMCTAMAT				
PONU1	ATTIGITITE	VALUE INCHI	TTTTAAAGAG	CCACCACCTC	TOTOTO
	CCAGGCTGGA				
	AATTICICIG				
69551	ATAGCAGGCA	CATGCCATTG	CACCTTATTA	AATTTTTAT	TTTTTGTAGA
69601	GACGAGGTCT	TECTTIGITE	CGCAGACTGG	TCTGGAACTC	GTGGCTTCAA
69651	ATGATCCTCC	TGCCTCAGCC	TCCCAAAGTG	CTAMAATTIGC	CGGCGCAAGC
69701	CACCATGCTG	GACCTGTTTT	CCCTTTTAAA	AGTGACTATA	TTCCTCGAAC
	AATGIGITTI				
69801	CAATAGTTTC	TTTTCTGCTG	GACTCCTCAG	AGTCTTTTAA	TATGCAAATA
69851	TTTATCATTA	TGAAGTGATC	AAAAGGATTT	CTTATGGAAA	CTTAGTTGCC
69901	ATGGCTTGGG	GAGCAGCGAC	THITGTATT	ITGCAATGTG	AATGCAATAA
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72331 I CITITIFIC TITLE CONTROLLED TO THE CONTRO
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75651 ACCCAGGGG CTGCTGGTAT AAGTCCCAGA GTCCAAAGGC TGGAGAACGT
75701 AGAGTCCCAA TATCCAAGGA CAGGTAAAGA AGGGTATTCT AGTTCCAGGA 75751 AAAAGAGCAA ATTTTGCCTT TTTACTGCCT TTTAATTTTG TCTGGACTCT
75801 TAGCTGATTG GATGGTGCCT GCCCACATTG AGGGCTGATC TTTCCTAATG
75851 AGTCCATTGA CTCACACCAT TCTCTGGAAA CATCCTCACA GATACACCCA
75901 GAAATAATGC TITACTAGCT ATTACATATC CCTTTATTCA GTCAAGTTGA
75951 CACCTAAAAT TAGCCATCAC ACCAAATGIT TITGITGGGT AACAGCITTA
76001 TITTAGATGTA ATTCACATAC CAAACAATTT ATTCATTTAA AGGGTACAAT
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76151 CTACCTCCCA ACCTGCCCAT CTCACTTAGA TAATCACTTT GATTTGCCTG
76201 TICIGIACAT TITICIATAAA TGGAATCATA AAATATGIGG CICITIGIGA
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76301 ATGTATCAGT ATTTAATTTT TTTTAACTGC CAGATCATAT TCCATTGTGT 76351 TGATATAGCC CATTTGATTT ATCAGTTCAT CAGTTGATGG ACAATTGGGT
76401 TGTTTCTACT TTTTGGCTAT TATGATAATC CTGCTGTGAA CATTCATGTA
76451 CAAGTTTTOG TGTGAATACT TGCTTTTAAT TCTTTAAGGT ACATATCTGG
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76551 GTCTTCTAGA TATTTTCCAA AGTATCTGTA CCATTTTACA TTCTTACCAG
76601 TAATATATAG AGAGTTCCCA TITTITCCAC TITCITIGCTA ACACTIGITA
76651 TTATTTATCT TTTTGATTAT AGCTATCCTA GTGGGTGTAA AGTATTATCT
76701 CATTIGTICGTT TTGACTTTCA TTTCCTAAAT GACTAATGAT GTTGAGCATC
76751 TITICATTIG CITATIGACC ATTICIATIG CATCIGCTIT AGGGAAATGT
76801 CTAGTCAGAT CCTTTCCCAT TCTTAATTCG GTGATTTGTC TTTGTATTAT
76851 TGAGTTGTGA CAGTTCTTTA TGTATTCTAG ATATGATTCC TTTATCAGAT 76901 ATGTTATTTG CACATTTATT TTTCCAGTTA GTTGTCTCTT TCACTTTCTT
76951 GATAGGGTCC TTTGAAGCAC AAAAGTTTAA AAAAAATTTT TGATTAAGTC
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82101	NNNNNNNN	NNNNNNNNN	NNNNNNNN	NNNNNNNNN	NNNNNNNNN
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82251 82301	NININININININININININININININININININI	NNNNNNNN CCTCCTTGAG	NNNNNNNN CTGTGGTGGG	NNNNNNNNN CTCCACCCCA	NNNNACAGA GTTCAAGCTT
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82251 82301 82351 82401 82451 82501 82551 82601 82751 82701 82751 82801 82951 83951 83051 83051 83051 83251 83201 83251 83401 83451 83501 83551 83601 83551 83601 83751 83601 83751 83801	NNNNNNNN NNNNNNNN GCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTCGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGAGAGA ACATTGCAAGA CATTGCAAGA CATTGCAAGT CTAAGTTGTT TTTTTAATAT TTTTTTTTTT	NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCGSCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC TCCCTCATCT CCTATTCAGC TATCTTTGA TAATTGATTT ACTGGAATGT TTTTTTTTTT	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGG CATCCTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCCTT GATTAGTATTA GGAATTTTCA ATCTTAGGACT GTTTAGTATTA GGAATTTTCC AGTGGTATGT TCTCTTTTTCC GCCTTTCTTT AGGACT GTTTATATTT CCAAAGAGTC AGTGGTATGT TCTCTTTTTCC GCCTTTCTTT AGGCTGGAGT GGGTTCAAGC GCATGCACCA TTTTGCCATG ATCTGCCCCAC TGCGCCCAGC	NNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTGCCGA CACTGCACCC TCACGCTGGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATGTTCA CTGCTTTTTT TTATTTGGAA ATTCAGATTA TTTCAGAGATTA TTTCAGAGATTA TTTCAGAGATTA TTTCAGAGATTA TTTCAGAGTTA CTGGCTTGGG CTTCTTTTTT GCAATGGCAT CATTTTTTT GCAATGGCAT CATTTTTTT GCAATGGCAT CATTTTTTT CCAGCCTTGG TCACGCCTTC TCAGCCTTT CTTCAGCCTTT CTTCAGCCTT CTTCAGCCTT CTTCAGCCTT CTTCAGCCTT CTTCAGCCT CTCAGCCT CTCAGCC CTCAGCT CTCAGCC CTCAGCC CTCAGCC CTCAGCC CTCAGCC CTCAGCC CTCAGCC CTCAGC CTCAGCC CTCAGC CTCAGCC CTCAGCC CTCAGCC CTCAGC CTCAGCC CTCAGCC CTCAGC CTCAGCC CTCAGC CTCAGCC CTCAGC CTCAGC CTCAGC	NNNNACAGA GITCAAGCIT AGGCGCCCCT GCTGTGCTAG GGTGCAGGAT GCGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TGAGAAATAT TATCAGGATA GTTTTTATTT ATATGTTCTC GGCTTATGTA ATTTTTGATA ATTTTTGATA ATTTTTGATA ATTTTTGATA ATTTTTGATA ATTTTTGATA CTCTTATA ATTTTTGATA CTCTTATA ATTTTTCTTCAC TTTCCTTATA ATTTTTGATA GTCTTGTCATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG TGGTTTTCTG
82251 82301 82351 82401 82451 82501 82551 82601 82751 82701 82751 82801 82951 83901 83951 8301 83251 83251 83251 83401 83451 83551 83501 83551 83601 83751 83751 83751 83751 83751 83751 83751 83751 83751 83751 83751 83751	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGGAGAA CATTGGAAGTA CATTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTAATAT TTTTTTTTTT	NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCGSCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC GCTTCGGCCC TCCCTCATCT CCTATTCAGC TATCTTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTTTTTTACTAA ATTTTGGTAG AATTTTACTAA AATTTTTGATA GAATTTACTTA CTGTTGGATC TTTTTCAATT TCTGTTGGCC TCTGCCTCCT CGGATTACAG AGGGAAGGGT GCCTCAAGTG TCTGCCTCCT GGGATTACAG AGGGAAGGGT GCCTCAAGTG TCTGCAGCCAC TGTTGAGCCAC TGTTTACTTT	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTTG GCACACGGTG TAGTGGAGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTTGT GTTTTTGCA ATGTTTTTGT ATTAGTATTA GGAATTTTCA ATCTTAGGACT GTTTATATTT CCAAAGAGTC AGTGGTATGT TCTCTTTTCC GCCTTTCTTT AGGCTGGAGT GCGTTCAAGC GCATGCACCA TTTTGCCCACC TGCGCCCAGC TACTCTAATC	NNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC TCACGCTGGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATIGTAA ATTCTCTTA ATTCTCTTA TTTTCAGATTA ATTCAGATTA ATTCAGATTA ATTCAGATTA ATTCAGATTA CTGGCTTGGG CTTCAGGCTTC TGGCTTTGT CTGGCTTGG CTTCAGGCTTC TGGCTTGGT TTACTGGCT TGGCTTGGCT	NNNNACAGA GITCAAGCIT AGGOGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TGAGAAATAT TATCAGGATA GTTTTTATTT ATATGTTCTC GGCTTATGTA TCTGTTTTCAC TTTCCTTATA ATTTTTGATA GTTTTCTTCAC TTTCCTTATA ATTTTTGATA GTTTTCTTCAC TTTCCTTATA ATTTTTGATA GTTTTCTTCAC TTTCCTTATA ATTTTTGATA GTCTGTCATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG TGGTTTTCTG TCACTTCT CTTCCTTCT TCACTTCT
82251 82301 82351 82401 82451 82501 82551 82601 82751 82701 82751 82801 82951 83901 83951 8301 83251 83251 83251 83401 83451 8351 8351 8351 8351 8351 8351 8351 83	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGTAG ATGTTGGAGAA CATTGAAATC AATTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTTTTTT	NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCGSCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC GCTTCGGCCC TCCCTCATCT CCTATTCAGC TATCTTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTTTTTTTACTAA ATTTTTGTTAGA ATTTTTGTTAGA CTGTTGGTCT TTTTTACTAA ATTTTTGTTAGA CTGTTGGTCT TTTTTCAATT TCTGTTGGCC TCTGCCTCCT GGGATTACAG AGGGAAGGGT GCCTCAAGTG TGTGAGCCAC TGTTGAGCCAC TGCTTCAAGTT TCTGCTCAAATTT TCTGCTAAATTT TCTGCTAAATTT TTGCTAAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTG	NNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTTG GCACACGGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTCTT GATTTTTGT GTTTTTGT GTTTTGGAATTTAG TCAAGGACT ATTAGTATTA GGAATTTTCA ATCTTAGGACT GTTTATATTT CCAAAGAGTC AGTGGTATGT TCTCTTTTCC GCCTTTCTTT AGGCTGGAGT GCGTTCAAGC GCATGCACCA TTTTGCCCACC TTCCTCTTC CTTCTTTCTTC CTTCTTTC CTTCTT	NNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC ATCACGCTGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATIGTAA TTTTCTTAT ATTCTCTTA TTTTTAGAA ATTCAGATTA ATTCAGATTA ATTCAGATTA CTGGCTTGGG CTTCAGGCTTC TGGCTTGGAAA TTCAGGATTA TTTCAGGATTA TTTCAGGATTA CTGGCTTGGCT	NNNNACAGA GITCAAGCIT AGGOGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TCAGAATACTG TCAGCAATACTG TCAGCAATACTG TCTGTTTTATA ATTTTTGATA ATTTTTGATA ATTTTTGATA GTCTGTCATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG TCGTTTCCTTCT TTAAGGTGGG
82251 82301 82351 82401 82451 82501 82551 82601 82751 82701 82751 82801 82951 83901 83951 8301 83251 83251 83251 83401 83451 8351 8351 8351 8351 8351 8351 8351 83	NNNNNNNN NNNNNNNN GGCAGGCAGG CTTGGCTGTT TCCCCAGCCT GAATCAGCGA GTAATCTCCT CAGGTGGGAG GACCAGGAAA GCCTGGCCT GCCCACTGTC AATGCAGAAA CGGAGCTGTT TTTTCTATGT TGAATTATAT AATGAACTCC TCTACTAATA TGTTCTGTAG ATGTTGGAGAA CATTGAAATC AATTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTTAATA TTCTCAAGTG CTAAGTTGTT TTTTTTTTTT	NNNNNNNNN CCTCCTTGAG TTGTTTACCT CGCTGCGSCC GACTCCGTGG GGTGCGCCGT TGGCCAATT GGGAACTCCC GCTTCGGCCC TCCCTCATCT CCTATTCAGC TATCTTTTGA TAATTGATTT ACTGGAATGT TTTTGTTGAG ATTTTTTTTACTAA ATTTTTGTTAGA ATTTTTGTTAGA CTGTTGGTCT TTTTTACTAA ATTTTTGTTAGA CTGTTGGTCT TTTTTCAATT TCTGTTGGCC TCTGCCTCCT GGGATTACAG AGGGAAGGGT GCCTCAAGTG TGTGAGCCAC TGTTGAGCCAC TGCTTCAAGTT TCTGCTCAAATTT TCTGCTAAATTT TCTGCTAAATTT TTGCTAAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTGCTAATTT TTG	NNNNNNNNN CTGTGGTGGG AAGCGAGCCT TTGCAGTTTG GCGTAGGACC TTCCTAAGCC TTCCTAAGCC TTCCTAAGCC TTCCAGGTGC TGATCCCTTTG GCACACGGTG TAGTGGAGTG TAGTGAGATG TCTGCGTTGC CATCTTGGCT GATAATCTAG TCAATGTTTG AGTATTTTGT GTTTTTGCA ATGTTTTTGT ATTAGTATTA GGAATTTTCA ATCTTAGGACT GTTTATATTT CCAAAGAGTC AGTGGTATGT TCTCTTTTCC GCCTTTCTTT AGGCTGGAGT GCGTTCAAGC GCATGCACCA TTTTGCCCACC TGCGCCCAGC TACTCTAATC	NNNNNNNN CTCCACCCA GAGCAATGGC ATCTCAGACT CTCTGAGCCA CGTTGGAGAAA CCTCTGTTAC CGCTTCCCGA CACTGCACCC AACCCGGTAC ATCACGCTGG CCTCCCCACT TGTTTCTTAG AATCAGTCTT TTGCACATTG TATATIGTAA TTTTCTTAT ATTCTCTTA TTTTTAGAA ATTCAGATTA ATTCAGATTA ATTCAGATTA CTGGCTTGGG CTTCAGGCTTC TGGCTTGGAAA TTCAGGATTA TTTCAGGATTA TTTCAGGATTA CTGGCTTGGCT	NNNNACAGA GITCAAGCIT AGGOGCCCCT GCTGTGCTAG GGTGCAGGAT GGGCAGTGTT CCCTTTCCTT GTGAGGAAAT ACTGTCCTGC CTCAGATGTA AGCTGTAGAC ATTTTGAATG TCTGTCAATA GTAGTCCTGG CTGAATACTG TCAGAATACTG TCAGCAATACTG TCAGCAATACTG TCTGTTTTATA ATTTTTGATA ATTTTTGATA ATTTTTGATA GTCTGTCATT TTTCTGAGAC GATCACAGCT CCTCAGCCAC CTAATTTTTG AGGCTGTTCT CAAAGTGCTG TCGTTTCCTTCT TTAAGGTGGG

Rec'd PCT/FTQcA3.SEP. 2004 10/506549

84001	ΔΔΔGCCΔΤΔΔ	ACATTCATTA	AGCACTGCTT	TAGCGGCATC	ACACATATTT
04051	CATATACTCT	ATTTICATTT	CCATTTACTT	CACCATATIT	TACAATTTCC
0402T	GAIAIAGIGI	ATTIOATTI	COATTIAGET	CASCAIAITI	
84101	CTTGGTACAT	CTTTAAATTA	TCACAGICTA	CCTTTAAGTG	TTATTATACC
2/151	ATCTCTACAG	TATAAGAACC	ΤΤΑΓΑΛΙΚΑ	ΔΤΔΤΤΤΟΤΔΤ	TGTTCCCTC
04201	AIGIGIACAG	77747777	COCATATOTT	TACTITICAL	TATATOTAA
842UL	CIGGCCTTTG	TGCTATTGTT	GICAIAIGII	IACITIGCA	IAIAIIGIAA
84251	ΔCΤΤCΔΔΔΔC	ATACTGTCAT	CAGTTTTGCA	CTAAACAGAG	TATTTTCTTT
04201	TCAACACTEE	AAATATTAAG	CAAAACTCAT	ATTTATATAT	ACTICAATICTA
043UI	IGAAGAGIII	AMIAIIA	GAAAAGIGAI	ALLIAIAIGI	ACICARIGIA
84351	GTCACCATTT	CCAGTTCTCT	TTAGTCTTTT	GTGTAGATTC	AAGTTTCTAT
94401	CTCTATCAT	GTTCCTTACT	CTTCAAGTCC	TTACTTTAAC	ΔΤΤΤΟΥΤΔΤΔ
OAAOT	CIGGIAICAL	GITCCITACI	CITOMOTOC	TACTITA	ALLIGUIAIA
84451	ATGCAGGTGT	CCTGGTCATG	AACTTCTTCA	GIIIIIIIIII	TITIAATATC
84501	TCAAAACCTA	mann	ΔΤΤΤΤΔΓΑΔΑ	CCTATTTTAA	CTGAATAAAT
04551	107777017			CENTRAL	
8422T	AATTCTAGGT	TGACATTCCT	WHAT IGH	GIICIIIAAI	GGTTTIGCTC
84601	CACTGTCTTC	TGTCTTGTAT	TITTITIGAA	AAGAAATCTG	CTTTCTTCAT
	TTT	TTGTCTATAT	AACATETOOC	CCCCCCCAC	CTCATTCCTT
84651	HICHIGIC	IIGICIAIAI	ACAIGICC	and	CICATIGCII
84701	TTAACATTTT	ATCATTGGTT	TTAAGCAATT	TEGITATEAT	GIGCCTIGGI
84751	AGITTICTIC	ATGITICITG	TGCTTTCGGT	TTATTCATCT	TGTATATTTG
04001	ASTITICITE		TETCAAAAA	AAAATTECTT	CAAATATTTA
84801	AGCTTACAGT	GTTAGTCAAA	HIGOVOVA	AVAITICIT	CAMIAITIA
84851	GGTTGCTC	TITOCICICI	CACTGGAGAC	TCAAATTACA	CACATATATA
	TOCACATION	GCTICTTT	TOACTITUTE	TOTAL	TTCCTAATCT
84901	IGGAGATIGI	GICTICTITI	HACITITI	1011100111	TIGGIAATCI
84951	CTATCTAGTG	CTGCACCTAC	CAGTTCATAG	CCTTTTCCCC	CTTTTGAAAT
85001	CCCTAATCTC	CIGITAATTC	CATTCAGTIGC	CTTTTAATAT	TGTGGACATT
ROOT	GIAGTITICI	TCTCTAGAAG	HIGAHIII	AICHICHAA	AAIGHAIAC
85101	TTTTCTACTT	ACTGTTTTCA	ATGTTTCCTT	TATTTGCACA	AAGGTAATGC
05151	ATTTATAACT	TCTAATGTCC	TTCTCTACTA	ATTOTATOAT	CHETCHACTT
92T2T	ATTIATACT	ICIAAIGICC	HOICIACIA	AIGCIAIGAI	CIGIGIACI
85201	TTTGGATCAG	TTTCAATTTA	TIGGITTIC	TCTTTCTCCT	TACGGGTATA
85251		TCTTTGCATG	CTIGITATIT	TITIGITIC	CATTTGCAAA
03231	TITIOCIGIT	1011100010	CITATION		TTTTTAAAA
85301	GITATTTICT	TITACTCTCT	пинис	HICHCICI	HHIGIAWA
85351	GGAAACCATG	GTCTTGGGGG	CTAGAGCGGA	GTTTTGCATG	CCTGGTAATT
05551	TCTC44	TTCTAGACAT	TOTALANTITE	ACCTIVITION	CACCTOCCTT
82401	ICIGATIGAA	LICIAGACAI	IGIAWAIIII	ACCITIGITION	GAGGIGGGII
85451	TTTTAAATAT	TCATAAGAAT	TITAGTATIT	ATAAAAATAT	TTTTGAGTGT
95501	AATTERCACC	TGTGGTTAAG	TOTTTOGTA	ACACTTICAT	CCTTTTAGT
93301	AATTTIGAGG	I GIOGI IAAG	TOTT TOO!	ACCC4 (TTCT	
85551	CITGIGITIA	AATTITCIGA	GGTGAGACTA	AGGCAGIGII	TIGAATAGGG
85601	TIGATITIC	CACTCTATTG	ACCITACCCCC	CTTTTTAGTA	CTCTACCTAA
	770711110	4	TOCACTOTO	CTATTOCCAC	CACCCACTAT
		ATTATGAGTT			GAGGCACIAI
85701	TCCTGGCCCT	TTGTGAGCTT	TGAGTATTAT	TTGCTCCATT	CTTTTTAGGT
05751	COLLECTION	GCTTGTGT	CTTTTCTTCA	CETTETCAATA	TTTCCCACCC
03/2T	GCITTICITI	GGICI IGIGI	GITTICTICA	COIGIGNAIA	THOSCAGE
85801	ACTITICCGT	CACACACAGG	GTTTCTCTT	TGTTTGAATC	CCCACTCCCT
85851	CIGICICIGI	ACAGGGGAGC	TGTTTTATTC	TICHTCHG	CCTATTAAAT
03031	TOTOTOTO	TATATABABA	ARRABARARA	ARRABARARI	
8220T	ICICCAIGC	TATATININN	MANAMANAMA	INIMININA NA N	MAIAIAIAIAAA
85951	NNNNNNNNN	NNNNNNNNN	NNNNNNNN	NNNNCTTCTG	CAAATTTTAA
96001	ACCELLICIC	CCTGGGAACT	TTATTTATTA	TOTOCACTAC	TITACCOTTCC
86051	AAACTGTAGC	CACTITGACT	TTCCCATACT	CCTAGCTCTG	TCTTCTCAAC
86101	TCACCCACTT	TGTAGGTTCT	CCCTAACCTT	TCCATTGCTG	TGACCTGTGA
00101	1040004011	CONTRACT.	TOCCACCAAT	CATACCCCTC	ATCTTATTCC
		GTCAATAAGT			
86201	ттссстт	CTCAAGGGTC	ATTGTCTTTG	ATTCAGATGT	TCAGTGTCCT
		GCTTTATATA			TTAGTTTTT
00231	GAMBILIGAL	GCITIAIAIA	TOTAL	CATTACTAT	
86301	IGITTIGIT	TTTCCAGACA	TGICHAGIC	CATTTAGIAI	IGCIAIAGAA
86351	TTTAGTATTG	CTATAGAGGA	ATGCCTCAGG	CTGGATAATT	TATAAAGAAA
06401	ACACCITICAT	TTGGCTCATG	CTTCTCCACC	CTCTACCACA	ACCATECEAC
POHOT	AGAGGITIAT	HOGCICAIG	GITCIGOAGG	CIGIACGAGA	AGCATGGCAC
86451	CAGCATCTCT	TTCTGCTGAG	GCCTATAGTA	AGCTTTCACT	TGTGTAGAAG
					AGCAGCAAGA
00301	CACACATECE	ACCORDITION	CACTCACCAC	TTCTTATCCC	AACTAACACT
RODDIT	GAGAGATGCC	AGGCTCTTTT	CAGTCACCAG	TICHAIGG	MACIAMOMOI
86601	GAAAACTTAC	TCACTCCTGG	AGAATGGCAC	CAAGCCATTC	ATGAGGGATC
96651	TECTECCACA	ATCCAGACAG	CTCTTACCTA	CCCCTACCT	CCAATATTCC
90031	IGCIGUACA	AICONG	CICIIACCIA	GOCCIACCI	ATATOMA AAA
86701	GGATCAAATT	TCAGTGAGAT	TTGGCAGGAC	CAAACAAACC	ATATOCAAAC
86751	TATAGCAAGA	CAGAAAGGTA	AATAAATGIT	ACCTITITA	CTITATGATC
0000	1/1/40/10/10/10/10/10/10/10/10/10/10/10/10/10	CTCCCCC	ATTOCATION	CAAACTECCA	TATTTA
868Ul	AGAAACAAAG	GICCITATIT	AICCALLIT	GAAAGICCCA	TATTTAATGA
86851	TTTACAGCCA	TCCCACACCA	TAGGACATAT	TCACATGTCC	CGTGTTAAAA
96001	1100-10-10-10-10-10-10-10-10-10-10-10-10	AATTICATGT	ACTOTTO	CAACTICCTIT	CCACTTTTAA
OOSOT	LIGUICIG	MILITARIO	ALICI IAGA	AAGAAGCIII	SANI IIM
86951	GTATACATTT	TTAGGAAAAA	AAAGCTTATT	AAGAATGAAA	THEHEIG
87001	TTTCATTCT	ACAGAAAGAG	CAATCCTCTA	ACCTAAAATC	GCGCATCATC
07001	TITIONIUCI	~~~~~	TACATTO	AAACTT 4 4TO	TCAAAACTAC
8/051	CTAAAATGGG	AAAAGTAGGG	IAGAI IGAIG	AVACI IAATC	TGAAAACTAG
87101	CAGCAGATICT	TTGAGAACTC	CATCATAGGC	CTGAAATAAA	TTTAAGGATA
07151	ACTITALACC	TTTGGTATAA	ACTITION	AATCTCCTCC	CITCAATCTA
0\TJT	DOPPALLION	THUGIAIAA	MOTITICITY	MICHE	SI IOWIGIA
87201	GATGGAGAGT	GGGGGAGGT	GTGAGTTCTG	GAGAACTGTT	AATTIGITIG
87251	TAATTTATT	ACCTATICT	CTGTCCATTCT	GICTICATIC	GGGTCCCCAA
0722	MALLHALL	ACCIMICIO	ATTENCE	ACCACTO	
8/301	GACCACTCTC	AGGCTTGATG	ALLICACTAGA	AUGACTCACT	GGACTTGGAA
87351	GCTGTTACAC	TCATGGTTAT	GATTTGTTAA	CACTGAAAGG	ATACAGATAA
07401	AAATAACCAA	ACCCAAAACC	TOCATOCCTA	ACCTICAÇÃO	GAAACCAGGT
0/401	WATAME WA	MACANANIAN COLOR	AIDONADIA	~WILLAGAA	C-VIIICO I
87451	ACACACTTCT	AGATGTCCTT	TTCCAGTGGA	GTCACATGGG	AACACACTTA

			TGACAACAGG		
87551	GAGAAGTTCA	CTTGAGCCTT	AGTGTCCAGA	ATTITACTGG	AGGTTAGTCA
			GGCGTGACTG		
			CAAGCATTCA		
			TGGTACAGCA		
87751	CTGGGATATT	GTGCCTGATA	CTIGITTITA	TATGCACCAG	TACATACCTC
87801	TCTAGTTTAC	TAACTCCATA	CTTTATTTGG	ATTGAATTAG	тттсстст
			GGATCCCTTG		
			TCTCTGGGCT		
87951	TTTTGATGGC	CTTGACGATT	TTAAGGTGTA	CTGGTCAGGT	CTTTTGTAGA
88001	ATGCTTCTCA	ATTIGAGITT	GGTTGATGTT	TTCTTACGGT	TTGACTGGGA
88051	TIGACGGITT	TICCEACEAAA	ACCAGACATG	AAGTTCCAAT	TTTCATCACA
			ATATTTTGAA		
			AATACTTAAT		
88201	TGCTTATATG	CCAGATTTGT	TCTCAGTGGC	TTTTCTTATC	TGATAACTTT
88251	TAATTAATAG	GCAGCCTTCT	TTGCAGTGGT	GTCAAGATCA	CTGTGCACAA
			AACAGGGAAA		
			TTAGGGAAGC		
			ACTCCAGTCT		
			TCTTCCTTCT		
88501	GTATTAGGGA	CTCCAAATGG	TACAAACTCA	TTCATTCTCT	TTAATTGCCT
			ATTGTTGCTT		
88601	ACCTATACTT	CACTTAGAGG	ACCCTCAAGG	CCTCTCATCC	CONTRACTAC
00001	ACCIMINATION	AACT IAGAGG	CTACTCCTTA	ATTTAACTAT	TACTOTATO
			CTAGTCCTTA		
			AGACTGTAAG		
88751	GTCAGTTTTA	TTCATTTTTG	TATTCTTAGA	GCCAGGCCAA	GCATTCAAAA
88801	CAGCCATGCA	GTAATATGAA	TATATCTGAA	TCAATGAGTG	AATACATAAA
88851	TAATTGAGAA	ΔΑΤΓΕΛΑΤΙΓΙΓΕ	TATTAGATAT	TAAAACCTTT	ACCAACTCTA
			GTTAACCATA		
			GTTATAAAAA		
			TTGCTCAGCG		
			ACCTATCTCA		
89101	AGATACATGT	CCAATTTCTC	AAGGCAAGTT	CTTCTTCCAG	AATTGTCTTG
			CCCTAGTTGG		
			GCACATTCAA		
			TCTTTCTAA		
			ATACTTTCTT		
89351	TCCTCCTACC	TTTTGCCTTC	AAACCAAAAC	ATCAGTAACA	GICCICTITIC
89401	CCCAACATCT	TIGITCICIG	GCCAGCATTG	ATTATTCTTC	CCCATGGGGG
89451	AGCITACTIT	CTAGTCTATA	CCTCAGGACA	CAGAATCTGA	ACTGCTTTTA
			GCTGAGCTTT		
			AAACATTTGG		
			TTCCATGTAT		
89651	TAACCATCAA	AGGAAATCAG	AGAAAATGGT	TTGAACTTAT	CACCCAACTA
89701	TTTGGACAGA				GICCOACIA
89751		TIAGGGCTAG	GAAATGTAAT	GCAAGGCATG	
				GCAAGGCATG	TATGTATAGA
	CTTTGTACAC	TTTTACATAT	TGGTTTCACT	GCAAGGCATG CGCGTCCCTG	TATGTATAGA TGAAGAGACC
89801	CTTTGTACAC ACCAAACAAA	TTTTACATAT GACTAGGGAG	TGGTTTCACT GGACCGACGT	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT	TATGTATAGA TGAAGAGACC GCCTGGACGT
89801 89851	CTTTGTACAC ACCAAACAAA CAGGCACCTC	TTTTACATAT GACTAGGGAG AGACCGTTTG	TGGTTTCACT GGACCGACGT CCCATTTTAT	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT	TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT
89801 89851 89901	CTTTGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG	TTTTACATAT GACTAGGGAG AGACCGTTTG AAAAATCGAA	TGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT	TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT
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89801 89851 89901 89951 90001 90051 90101 90151 90201 90251	CTTTGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG TGGGTAGAGA	TTTTACATAT GACTAGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAGA	TGGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AAGCGGTGTT AGCTGAAGAG AGGAATGGAG AAGAGAGGGT AAAGTGGAGA TGCTTGCTTC	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAAGAG CCAGGAAAGT GTTGCTTGCC	TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG CCCCAGGAAA
89801 89851 89901 89951 90001 90101 90151 90201 90251 90301	CTTTGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG TGGGTAGAGA GTGGAGAAGG	TTTTACATAT GACTAGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATGGAGAG GGTGGGGAGAA GGTGGGTAGA	TEGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AAGCGGTGTT AGCTGAAGAG AGGAATTGAAG AAGAAGAGGGT AAAGTTGAAG TGCTTTC AGGGGTGAGGA TGCTTTC AGGGGTGGGG	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAGAAGAG CCAGGAAAGT GTTGCTTGCC GAAGGGTGA	TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGGTG GGTAGAGACA GGAGAAGGGG CCCCAGGAAA GGGGTGCTTG
89801 89851 89901 89951 90001 90101 90151 90201 90251 90301 90351	CTTTGTACAC ACCAAACAAA CAGGCACCTC TGTAGGATGG GTCAAGTTTA TAGATTTTAG CAGGCTAAGG GAAGGAGCAA GGGGGTGCTT CAGAGAGAAG TGGGTAGAGA GTGGAGAAGG CCCCCAGGA	TTTTACATAT GACTAGGAG AGACCGTTTG AAAAATCGAA TATTGGGGTC ATCAGGTGTG GAGAAGAAGG GTCCAGAGAA GCCCCCCTGG GGGTGTGGGG CATTGAGAGAA AGTTGGAGAA AAGTTGGAGAA AAGTTGGAGAA	TEGTTTCACT GGACCGACGT CCCATTTTAT AGTGCCATTT AAGCGGTGTT AGCTGAAGAG AGGAATGGAG AAGAGAGGGT AAAGTGGAGA TGCTTGCTTC AGGGGTGGGG GACATGGAGA GGGTGTGGG	GCAAGGCATG CGCGTCCCTG GTTAAAGAAT GACAAGAATT TCTGGCTATT GGAGAAGAAA GTTTTAAGGT GGTGGAAGGT AGAGACAGAG GAAAAGAAG GAAAAGAGG CAAGGAAAGT CGTGCTTGCC GAAGGGTGA GTTGCTTGCCC	TATGTATAGA TGAAGAGACC GCCTGGACGT ATCTAGATCT TGGAACCACT ATAAAATGCT CTTGAGAACA TGCCTATAGT TGAAGGGTG GGTAGAGACA GCCCAGGAAA GCGCTGCTTG CCCAGGAAAG GCCCAGGAAA
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91701 ACAGGAACAG AAAACCAAAC ACTGCATGTT (CTCACTCATA AGTGGGAGTT
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91951 TCTGTCACTT TTACCCCTTC TGTTGTTTTA	CTTGTAAGAT AATACAAGAT
92001 AAATATATGT CTGCCTATTA ATTTATTTCT	TTACCAAGCA CCAAACATAT
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92051 GTAATATAGA AGGTACTATG TTAGGAAGGT	CIAGICAIA CACACAIAIA
92101 GAAAAAATAG TITAGTTATT AATTACTCAT (GCCTCAAATT ATCAAGAAAA
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92551 TGTTGTCATA TCTGAGTCTT AATTTTTGTT	
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92651 TTTTAAAAGC TCATTGTGTA AATGGTTAAC	CATTITITANG GIGAATTANG
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92751 TATAAGGTTT GACTTCATGC ATAGCCAGAT (
92801 GATTGTAATG TAATTATATT TTAGAAATTG	AGCTAAGATT TTAATATAAC
92851 CATTAMACTG ATTATTGAMA TCTATACAGT	
	ΤΤΓΑΛΛΑΛΑΛ ΑΥΤΛΟΌΤΙΤΑ
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92901 AGTTGATAAT ATTTTTCATG TTTTTTTCAG / 92951 TGACTAATTC CCATCTTAAT GTCTTTACTT /	ATACCTATAT TTTTTAAACT ATTAAATATG ACATCTATGA
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95701	TCTTTAGTAA	TTTGGTACAC	TTATGATTTC	ΤΑΛΑΓΑΛΑΑΤ	ATGIGICTIT
	TGAACATTGT				
	GTGCCAGCCC				
	GTTAGCATGA				
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95951	AGAGGATCTT	GACTCATAGA	TGTATAAAAA	CATTGTCAGT	GCCCCTGGAG
	CTACGGAATT				
	CATTAATTTT				
	TITCTATTTA				
	TACAGTTTGA				
	GCTAGGAAGA				
96251	AATTTATCTC	ACTGCTCTGT	GCTTGTTTGA	CAGCTGTTCT	TGCACTTCTG
96301	ACTITIAATTC	AAAAAGTTAT	AAAGCCATAT	GTGAGCAGCT	GTTCACTGTT
	TTCATTAGGG				
	GGTTATATTG				
	TAGTTATGAT				
					GTGTTGAAAG .
96551	ATCATATACT	GTCTGAAGGT	AGGATAGTGA	AACAGCTAGC	TTTTGAATTC
05501	AIGAIAIACI				
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96651	CTCTTCTAGT TACAGACTAA	CTTTTCCCAT	GACTTCCTAT	GCTTTAGAAC	TATCCTTCTC
96651 96701	CTCTTCTAGT TACAGACTAA AATAATAAGC	CTTTCCCAT	GACTTCCTAT TGAGACAGAG	GCTTTAGAAC TCTCGCTGTG	TATCCTTCTC TCTTCTGTGT TCACCCAGGC
96651 96701 96751	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG	CTTTTCCCAT TTTTTTTTT TGGCATGCTC	GACTTCCTAT TGAGACAGAG TTGGCTCACT	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT
96651 96701 96751 96801	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT
96651 96701 96751 96801 96851	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC GCCCAGCTAA	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG
96651 96701 96751 96801 96851	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC GCCCAGCTAA	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG
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96651 96701 96751 96801 96851 96901 96951	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC GCCCAGCTAA ACCATGTTGG TATCATAGCC	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC
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96651 96701 96751 96801 96851 96901 97001 97051 97101 97151 97201 97251	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATT TAACATATGC TTTATTATCC	CTTTTCCCAT THTTTTTTTTTTGGCATGCTC CTCCTGCCTC GCCCAGCTAA ACCATGTTGG TATCATAGCC ATCAAAATTGC AAAAATTAAG ATAAACTTTA ATTAAATATT TCTCCTGTTT CCATATTATA	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGGCAAAGT GTGATCCTGA AAGTTTAGAG AAGTTTAGAG	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA ACAATTAATT GACCTTAGGG AGTTGAAGTA
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96651 96701 96751 96801 96851 96901 97051 97101 97151 97201 97251 97301 97351 97401	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTTT TCAAAAAAGT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGACATTT TCAGACATTT CAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA ACAATTAAAT AACAATAAATT AACTAGG AGTTGAAGTA TGAACCCAAG ATTTACTATA TGTGAATATG TGGAGAGGCT
96651 96701 96751 96801 96851 96901 97001 97051 97101 97251 97301 97351 97401 97451 97501	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CCTCCAGAAT TCTAGTATTT TAACATATTC TAACATATTC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAAACATA AGAAGGTCCT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA ATTCTCACA TAAGAAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGG	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGACATTT TCAGACATTT TCAGACATTT CAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA AACAATTAAAT GACCTTAGGG AGTTGAAGTA TGAACCCAAG ATTTACTATA TGTGAATATG TGGAGAGGCT GGTATTGGCA
96651 96701 96751 96801 96851 96901 97051 97101 97151 97201 97351 97301 97451 97401 97551	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCCAA ACCATTTTT TCAAAAAAGT TTAAAACATA AGAAGGTCCT TACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT TTACAGATAAT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGC AGTTCTAAAT AAAGAATCAG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGG TTCTTATAA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TCCCTTTAGT GGCTTATCTT TCAGACATTT TCAGACATTT TCAGACATTT TCAGACATT TCAGACATT TCAGACATT TTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA TTTCTTGTAG TTTTTTAGAAGAT ATTACTTTTA TTTCTTGTAG	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATITATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA AAAATAAAAT
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96651 96701 96751 96801 96851 97001 97051 97101 97151 97201 97351 97401 97451 97551 97501 97651	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA ACTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAAACATA AGAAGGTCCT TACAGATAAT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAAACCATA AGAAGGTCCT TACAGATAAT TTATATCTGC ATATTCTGC ATATTCTAAA	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC GCCCAGCTAA ACCATGTTGG TATCATAGCC ATCAAAATGC AAAAATTAAA ATTAAATATT TCTCCTGTTT CCATATTATA AGTCACATAG TTTTTTACCA ATGAAGTTAA CATACACATG ACACCAAAAT TCTTACATA ACCTTGACAT AACTTGACAT AACTTGACAT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGA TTAACAAGA TTAACAAGA TTAACAAGA TTAACAAGA TTAACAAGA TTAACAAGA CTTACATGTA	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCT TCAGACATTT TCAGACATTT CAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA ATTACTTTTA TTTACTTTTA TTGGGGAATTTC TGGGAATTTC TGGGAATTTC TGCAATTTTC	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA ACAATTAATT GACCTTAGGG AGTTGAAGTA TGAACCCAAG ATTTACTATA TGTGAATAGT TGGAGAGGCT GGTATTGGCA GCTATTACTT AAATCTGTCT
96651 96701 96751 96801 96851 96901 97051 97051 97101 97251 97301 97351 97401 97451 97501 97551 97601 97651	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT ACGTACTAAA ACTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAAACCATT T	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGA TTAACAAGA TTAACAAGA TTAACAAGG CTTACATGTA TATAAAGCTG	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCT TCAGACATTT TCAGACATTT TCAGACATTT CAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA ATTACTTTTA TTTACTTTTAGTAG TGGGAATTTC TGCAATTTTC TTTTTCAGTA	TATCCTTCTC TCTTCTGTGT TCACCCAGGC CCTCCCAGGT TTACTGGCAT TTTAGTAGAG CATATTTATT TTTGGCTTTC TTAAAGTGAT TTTCAGTAGT AAATAAAGTA ACAATTAATT GACCTTAGGG AGTTGAAGTA TGAACCCAAG ATTTACTATA TGTGAATATG TGGAGAGGCT GGTATTGGCA GCTATTACTTT AAATCTGTCT GCTTTTTT AAATCTGTCT GCTTTTTGTAT
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96651 96701 96751 96801 96851 96901 97001 97051 97101 97201 97251 97301 97451 97501 97501 97601 97651 97761 97751	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCAA ACCATTTTT TCAAAAAAGT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAAACTATAA TTAATTTTC ATATTTCTAAA TCACTGTCTT TAAATTTGC ATATTCTAAA TCACTGTCTT TAATTTCTAAA TCACTGTCTT TAATTTCTTAA	CTTTTCCCAT TTTTTTTTT TGGCATGCTC CTCCTGCCTC GCCCAGCTAA ACCATGTTGG TATCATAGCC ATCAAAATTGC AAAAATTAAA ATTAAATATT TCTCCTGTTT CCATATTATA AGTCACATAG TTTTTTACCA ATGAAGTTAA CATACACATG ACACCAAAAT TCTTACATCC TATTCTCATA AACTTGACAT AACTTGACAT AACTTGACAT AATTGACAT TATTTCACAT TATTCACAT TATTTCACAT TATTTCACAT TATTTCACAT TATTTCACAT TATTTCACAT TATTCACAT TATTTCACAT TATTCACAT TATTTCACAT TATT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAAAAAGAG TTCTTTATAA ATCAACAAGG TTCTTTATAA ATCAACAAGG CTTACATGTA ATTAAAAGCTG ATTTTATATA TCTAGATTTC	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATTACTTTTA TTTCTTGTAG TGGGAATTTC TGCAATTTTC TGCAATTTTC TGCAATTTTC TTTTTTTTTT	TATCCTTCTC TCTTCTTCTTCTTCTTCTTCTTCTTCTTCTT
96651 96701 96751 96801 96851 96901 97051 97051 97151 97201 97251 97301 97451 97501 97501 97601 97651 97761 97751 97781	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAATATCTGC ATATTCTAAA TCACTGTCTT TAAATTTGTGT TAAATTTGTGT TAAATTTGTGT TAAATTTGTGT TAAATTTGTGT TAAATTTGTGT ATACTTTTCT CACTCATCTT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC AACTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGAG ATTCACAAGG CTTACATGTA ATCAACAAGG TTCTTTATAA ATCAACAAGG CTTACATGTA TATAAAAGCTTG ATTTATATA TCTAGATTTC CAGTCTCTAG	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA TTTCTTGTAG TCGCAATTTTC TTTCAGTA TTTTCAGTA TTTTTCAGTA TTTTTCAGTA TTTTTCAGTA TTTTTTTCAGTA TTTTTTTTTT	TATCCTTCTC TCTTCTTCTCTCTCTCTCTCTCTCTCTCT
96651 96701 96751 96801 96851 96901 97001 970101 97151 97201 97351 97301 97451 97501 97551 97601 97651 97761 97751 97701 97751 97801	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAATATCTGC ATATTCTAAA TCACTGTCTT TAATTTTTT TAATTTTTT TAATTTTTT TAATTTTTT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGG TTCTTTATAA ATCAACAAGG CTTACATGTA TATAAAAGCTTG ATTTTATATA TCTAGATTTC CAGTCTCTAG GAATTTATTT	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA TTTCTTGTAG TCGGAATTTC TGCAATTTTC TGCAATTTTC TGCAATTTTC TGCAATTTTC TTTTTTTTTT	TATCCTTCTC TCTTCTTCTTCTCTCTCTCTCTCTCTCTC
96651 96701 96751 96801 96851 96901 97001 970101 97151 97201 97351 97301 97451 97501 97551 97601 97651 97761 97751 97701 97751 97801	CTCTTCTAGT TACAGACTAA AATAATAAGC TAGAGTGTAG TCAAGCGAGT GCACCACCAC ATGGGTTTC TGTGAATTAT AGGTACTAAA CAGAACAAAA CCTCCAGAAT TCTAGTATTT TAACATATGC TTTATTATCC AATTACCCAA ACCATTTTT TCAAAAAAGT TTAAACCATA AGAAGGTCCT TACAGATAAT TTAATATCTGC ATATTCTAAA TCACTGTCTT TAATTTTTT TAATTTTTT TAATTTTTT TAATTTTTT	CTTTTCCCAT TTTTTTTTTTTTTTTTTTTTTTTTTTTT	GACTTCCTAT TGAGACAGAG TTGGCTCACT AGCCTCTTGA TTTTTTTTT CCAGGCTTTT ATAGAAAGAG AAAATTGGTT ATAATTTAAT TAATCATCTC TACCACATGC AATTCTCACA GAAGAGGAAA TAAGTACTGG AGTTCTAAAT AAAGAATCAG CACACATGTG ATTAACAAGG TTCTTTATAA ATCAACAAGG CTTACATGTA TATAAAAGCTTG ATTTTATATA TCTAGATTTC CAGTCTCTAG GAATTTATTT	GCTTTAGAAC TCTCGCTGTG GCAACCTCTG GTAGCTGGGA TTTTTGTATT TAAGCTGATT TTATCATTTT TGCCTTTAGT GGCTTATCTT TCAGGCAAAGT GTGATCCTGA AAGTTTAGAG GTCTGAGATT TTTAGAAGAT AATGTAAAAT TGTTTGCATT ATTACTTTTA TTTCTTGTAG TCGGAATTTC TGCAATTTTC TGCAATTTTC TGCAATTTTC TGCAATTTTC TTTTTTTTTT	TATCCTTCTC TCTTCTTCTCTCTCTCTCTCTCTCTCTCT

Rec'd PET/PTO 13 SEP 2004 10/506549

98001 AACTTAGGTT AAGAAAATTT CCTAGATTTG TTAATCAGTC ATTTCTCTAA
98051 CTTIGTCACC TAGTTCTACT AGGTGAATGG GTGGTTCCCT, GACAACGTTG
98101 GGCACCCATC AAGGCTTTTT TIGTTTAGTT TIGTTTTIGT TTTTGGCTGA
98151 ACCTITIAAC TCCCCATCTG CGTCATGCTT TTCTTTTTT CTTGACCACA
98201 GCTTCTAGGA TCTTAGTCTG CTTCCTTGTC CTCATGCTTT TATATATACA
98251 TACAAACACA AACACACACA CACACATGCA CACAGACACA CACAGGAGTA
98301 TGTCAAATGA TAAAAGTAAT GCAGTTTCAC TGTAGAAAAT TTTCGTAATA
98351 CCAAAAATTA TTATGGATAA TATAGAAATT GCTTGTATTC CTATCACTTT
98401 AAAAATAACA ATTTTTGAAA ATACATATAT GTGTATGTGG TTTTTTTTT
98451 TTTTCTGAGA CGGACTTTCA CTCTTGGCGT TCAGGCTGGA GTTCAATGGC
98501 GCGATCTCGG CTCAGTGTAA CCTCCGCCTC CCTGGTTCAA GTGATTCCCT
98551 TGCCTCAGCC TCCCGAGTAG CGGAGTTTCC AGGTGCCGGC CACTATGCCT
98601 GGCTAATTTT TGTATTTTTA GTAGAGGCGG GGTTTCACCA CGTTGGCCAG
98651 GCTGGTCTTG AACTCCTGAC CTGTGTGTGT GTTTTAATTG GGATTATAAT
98701 GTATTAAAAT CTITATATTC TGCTTTTTTA TTACATAAAT TTTCAGAAAA
98751 TATAAAATAT CTTCTAAAAT TTATTTAATT TCTATATGAT TGTCCATTCT
98801 TTAAGTATIC TATAATTCAT TTAATAGTTG TTTGATGTTT AGCATTGAGG
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98851 TIGITICTAG GITATTTICT GICATACAGA GIGTIGIGCC ATGAATCTTT
98901 GAAGAAGAAA TCTTTTTGTA TTTCCTGAAC TGTTTTGGGA GGATAGTCTA
98951 GGAAGTAATA TTACTAGGTA AAATGTATGA ACTTCTAAAA TATGTTGCCA
99001 AGTACATITA ATAAACATTA CGATTTTTTT CTTCTACCAG TGTGTGACAG
99051 TGTTGACTCA TTGTCTATCA CTGGCCTTGA GAAGTCCATA TTTTACTCTT
99101 CGCTAATTTT ATAAGCTGAA AACAGCTTTT CACTATTTTA ATTTGGATGT
99151 TTTGGCTTTG ATTAGTAGAG AGTTGAGCTT TTTACCCCCA TAGTTTGATT
99201 TTGCATTTCT TTTTTGTATC ATCCATTTCC TCTTATATTC CATACTTGTA
99251 ACGGTACCTT TCCCAAGCTA GITATTTAAG CTTTTTTTAA AAAAAAATTT
99301 TAATGATTIT TGAAATGGAC TCTTTGAGCT TTTTTTTTT CTTTTTTTAC
99351 CTTTTCCCTT TTTAAGATTT TTATTCTTAC CTATTAGGAA GACAACAAGG
99401 TATATCTAAT TACATGACAA ACAGTCTTCA CCAAGAAGCC AGAATCTTAA
99451 ATTTATAGCT CACTGTTGCC ATCTGAGATA TAAATAGAAC TTCAGTTACT
99501 GTGTGTTGCT TTCCATTAAG TCTACTTCCT TGCTCTTCTT AAACCCCACT
99551 ACTOCTICIT TAATGATAGC CCTTCTACGA ACACATGGAT CTTAATAGAC
99601 TATAAGAATC ACTIGATIGA TGTGTTTCAT TTACATTTTA GAGAACTTCC
99651 ATAATAAATA AAAGCTCTCT CAGTGTGTCT CACAGAGAGA TTATCCCACA
99701 AAGAAATGTT CCTCTTTGAG CATTTTCTTA TATTTCTTCC TGTCTTCAAA
99701 AAGAAATGTT CCTCTTTGAG CATTTTCTTA TATTTCTTCC TGTCTTCAAA 99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TNINNINNINN NINNINNINN NINNINNINN NINNINN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TININININININ NINININININ NININININININ
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININ NININININININ NINININININ NINININININ NININININININ NININININININ NININININININ NININININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININ NINININININI NINININININI 99951 NINININININI NINININININ NININININININ NININININININ NININININININ NININININININ NININININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NININININININ NINININININ NINININININ NINININININ NININININININ NININININININ NINININININ NINININININ NINININININ NINININININ NININININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININ NINININININI NINININININI 99951 NINININININI NINININININ NININININININ NININININININ NININININININ NININININININ NININININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NINININININ NININININININ NININININININ NININININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININI NINININININ NINININININI NINININININ NININININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ ININININININ IN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ ININININININ IN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NININININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
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99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NININININININ NINININININ NININININININ NINININININ NINININININ NINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ INININININ ININININININ IN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NININININININ NINININININ NI
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99751 ATAAGTCAGA TCATTTAATT TATTTTATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCCCA GGAGAGGGGA 99851 NANANANAN NANANANAN NANANANAN NANANANA
99751 ATAAGTCAGA TCATTTAATT TATTTTATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATAG TACTGGTACC 99901 AAACAGAGA TINININININI NINININININI NINININININI NINININININI 10001 NINININININI NINININININI NINININININI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAAACAGAGA TINININNIN ININININNIN ININININNIN ININININNIN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAACACAGAA TINININNIN NINININNIN NINININNIN NINININNIN
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAACAGAGA TINININNIN INININININ INININININ ININININININ INININININI ININ
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCATGG TACTGGTACC 99901 AAACAGAGA TINININNIN INININININ INININININ ININININININ INININININI ININ
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGTACCAA AACAGCCTGG TACTTGGTACC 99901 AAAACAGAGA TINININININ NINININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99901 AAAACAGAGA TINININININ NINININININ NININININININININININININININININI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCCCA GGAGAGGGGA 99901 AAACAGAGA TINININININ NINININININ NININININININ NI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCTGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99851 CCTCTATAAT AATGGAATGC CAGCAGTCCT AAACAGCCCA GGAGAGGGGA 99901 AAAACAGAGA TINININININ NINININININ NININININININININININININININININI
99751 ATAAGTCAGA TCATTTAATT TATTTTAATC TTTTCGTTA AATGCCAGTA 99801 GTACAAAGTC TCCATATAGT CAGCAGTCCT AAACAGCCCA GGAGAGGGA 99851 CCTCTATAAT AATGGAATGC CAGTAACCAA AACAGCCCA GGAGAGGGGA 99901 AAACAGAGA TINININININ NINININININ NININININININ NI

101501 ACAGCTTCAA TATGATTACC CACTGCCAGC TACCCTGCAC TGTACGGCCT 101551 TCCTGGCTTC TGGTTGACTT GAACAGGGGC CGAGTTGTCA CAGATCTCAT 101601 TAGTCTCATC CGCCAGGGAT TTGGCTTCCG TTCTGGGGGC CCTCCGAGGC 101651 CTCTACCTGG AGCAGGGGTT CCTGCCCCCC ACCGAGAGCG CATGCCTGAT 101701 GAGAGACAAT GACTGOCTCA GAGTTAAATT AGAAGAGAGA GGAGTTGCTG 101751 AGAATTICTGT AGTICATCAGT AATGGTGACA GTACTCATTT ATCACTTAGA 101801 AAAGCAATGA AGTGGGCATT TAAGTTAGAG GAGGATGAAG AAACTAACCC 101851 AGATTACAAC TATTCAAAGA AGCATTGGAA GAAGCAAGAG TACAATAACA 101901 ATAATGAGAA GGTCTTGGAT CTAGAACGAA AAGCGGTCAC AGATCAGACT 101951 ATAAGCAAAA AAAAAAAAAA AGAAACAAAA GAAAAAATAA AGCAACCTGT 102001 GGCACAACGG GTGATGATAA CGAACAGACC CCCCAAAAAA AATCACCAAA 102051 GAAAAAGGAG AAATGTGAAT ATGAAAAAAA GGCCAGGAAT CCCAAGTCAC 102101 CTAAAGTACA GGCAGTAAAA GACTGGGCCA ATTAGAGATG TAGTTCTCCA 102151 AAAGGCTCTG CTAGAAACAG CCTTGTTAAA ACCAAAAGGA AAGGTGGTGT 102201 AAGCGTTTGC TCAAACGAGA GTCCCAGTTC CTCCTCGGAG TCTGAGTCTT 102251 GTCATGAATC AATCATGATG GTCCCAGCAA AGTCACTTTG GAGGCCAGAA 102301 attoctoaga gaaattacca actaagtaat caaaggaagg accctctacc 102351 AAAAGTACAA CTGCAGACAA ACTGGCTACA AAATCTGGCT TTAGCCTTAA 102401 CCCCCAGCAA GGGCAAGACC TCTGGAACAT CATCTTCTAG TTCAGATTCT 102451 GGTTCAGAGT CAGAGGTGAA TGCTTGATGT CATCGAGCAC CCTGGAGTGT 102501 GCTGTGGATT TCTAAAAGAC AGTAGGCCTT TTTGCAGGAA GAGGTTGTCC 102551 AGGCCCTGGG CTGTCATCAC AGACTGCAGG TGCTACTGGA TGGAAGCGTT 102601 CTGGGTTAAA TGGTGGCAGA CAGGCTCCTG GTCCTTCTCC CAGTGTGTCT 102651 CTCCCCAGTT TAGAAAGAGG ATGGGGTAGA GGAGAGAACC TTTTTTCTTG 102701 GAAGGGAGCT AGGGGACGGG GAATGCGGGG GAGAGGTCGA GGACAAGGGC 102751 ATCCTGTTTC CTGTGTTGTA AATAGAAGCA CTGACAACCA GAGACAACAG 102801 CAATTAAATA AAGTGGTAAC AAATTCATCT ACTGTTTTCC AGAATCCGGT 102851 AGAGACACAC TAGAAGGACT GTATGGTCTG TTACCGCTGT TAACAGCTGC 102901 CCCTCAAGTT GGAGAAAAGA TTGCATTTAA TCTTTGGAAC TAACATCCAG 102951 TTACACTCTT CTGTTGTCTC TGATTACAAG GAAAAATATT AAGCCACAAT 103001 CCAGAGACAC AGCAAGTAGA TACAGAAATT CTTTCATCCT TACCTGCCTT 103051 GAGAGAACCT GGGAAATTTG ATTTGGTTTA TCACATTGAA AATGGAACCG 103101 AGGTAGTGGA GTATGCTGTG ATGCAGGAGA GCAAGATCAC TGTATTTTGG 103151 GGAGAGTTGA TTGATCCAAG ACTGATTATT GAATCTCCGA TTAACACATC 103201 AAGTACAGAA CCTGTCTGAA TATGACCGCT CCATCITATA GITTATGAAT 103251 GTCTTGTTTG TGAAAGTGAC TATAACITGA ACTTTTTTT TTAAGAGGAT 103301 TTGAAAGTTG TATGGGTTTT TTTGTTATCT TCACTTTACT GCATAGGAAA 103351 CAATCTACCT CATCATTTAA AATGACATGG GTGTCGGTTT TGTAGACCTT 103401 TGGTTTTTT GTCAGGTTCA ATTTCAGTTA ACAAAATGTA AAACATGACA 103451 TTCCCTGCAA ACGTTGTTGT ATACCAATAC GTATGGTTTC TTCTCTTTTT 103501 TAAAAGTTTT TGACCATCAA GCAGCAGTTG TCAGTAGGAG TTTATAATAC 103551 CAAGAATGTG CTGCATATCT TGTCTCATTA AGTTTTAAGT AACATTTAAA 103601 ACTATTAAAG CATGTTACTT GACCTAATTT TATAGCATTT GAGTTGTCCC 103651 ATTAAATGGA GCATCTCGTA AATTTCAAGT ATTTTATACT TGGCAATGGT 103701 TAAGAGTTAA AAGGTAGTTG GATTTGTCAC AGACAATGAG TTAAGGAATC 103751 CTTTCACGTT TTTCCCCAACT TTAAAATTAA GGATTCTCAG GGCCCTGTGT 103801 AGAGCAGTAA AAATAAGACC TCGTGTATGT GTATGTGTGT GTGTGTGTGT 103851 GTGTGTATGT GTGTCTGTCT GTCTGTCTGG AGGAGAATTG ATTGGTGTTC 103901 CACTTGGGTG AGAGGGTTGG CTGTGAGCCT CAGACCAGGA AATGTGTCAT 103951 CTTGCCAAGC ACCTGGCTGA GTGTGCTGGA GTGAGGATTT GAACAGAAAC 104001 TTCCTTTTCT GTTATTATTC ACTACAAAGC TTAAGTGGCC AAATATATAC 104051 TGTGAAAATT GGTTTCTTTT AACAAAAGAT CAGATCCCTC CTTCAGCTGT 104101 ACACATTTTT AAATAAAATC ATATAGAACT AAAAAAAAAT ACTAACACGA 104151 ACGATAGGTG ATGAGCTAAA AAAAATTGCA AAAAAATCTC ATAATATTTT 104201 AACAGACTIT ACCAATITIGT GITIGGACTGA AGGITIGGCCA AGCITIGGTTT 104251 AGCTTAAGTT ATATGGATTA TITTGTACAAC AGAATTGAGT TGATTTCTGC 104301 GGTATTTTGA AGAGTGAAAG TGGTTTTTTA AATTTGTACT GTACTTATGT 104351 TATAAAGCAA TATGAGTAAT ATACTTTATG TGTGAGACCT TACGTGCTCT 104401 AAGAAATACT TTTGTTAAGG ATTTATATTT ATGGTGGAGT ATTCGTTACA 104451 ACATGGGTC TATACATACT TGTAAAGAAA TTAAGGATAG AGAATGCATC 104501 ACTCAGACCC CAATCTTTCC ATTCATATAG ATTGATTAGT CATCACATAG 104551 TCCATATTTT TCTACTATAT TCAAGTCCCA GTTGACACCT TATGCATCAT 104601 ATTCCTTAGT TCCCAAACAT GTTCCCTTAT TTCTTTTCAT GTAACCTTTTA 104651 ATTACTCATT TGTCCGAGTC TGAATCCTGA ATATTACCCT TGATACCATT 104701 TTGTTTCACC ACCCCTCTCC AAATGTAGCT TTAAGTTTTT CCTGTTTCTT 104751 TTTCAGTAC CAGAACCCAC AATTGTAGCT CTGAAGTATC CTTCCAGTGA 104801 GTTTTCAGTA TCTGCATGTG TTTACTCTAG CTCCAGGTGT GTTTTTTTT 104551 CTGATATTTA TGTCATTAAT TGATCTCTCT GATGAATCTT GTCAGAGAAA 104901 TCTTCCAGAA GGACATTTCA GACCATTTTC GATGATTTT TAAAAAACTT 104901 TCTTCCAGAA GGACATTTCA GACCATATTG CTTTCTAGAT TAAAAAACTT 104951 CAAAGACTTC CAAGAATGTA CAAAGAATTC TCTTGAATTC CTTCCTCTGG

FIGURE 3DD

					_
105001	TCTTCAGGGC	CCTATGCTAT	GACTTCAACT	TTICTITATT	TCCCTCCCTC
105051	AAATATTTTT	TCTCTTTTCC	TTTTTATACT	TCTTTCCTTC	TGAGCTITCT
105101	GTCACTTTTT	GGCCTGTACC	TAGCCATTTC	CCIGITCTIG	CATTTCCAAA
105151	TCTCATCTAT	CCTTCGAGAG	TIGGCITTIA	GHGCH	CCAGCTAGAA
105201	GTAGICTITI	CTTCTTGGA	ACTICICANTE	CCTTTTCAG	THGHATIG
	TACTTAGTAT				
	TATAGITAGT				
	GTGTACGTTT				
TO222T	GIGIACGITI	CCTATTACAC	GIATATICT	AATAAAACCT	TOCCOCATACT
TO240T	TIGTICIGG	GIATTICIT	AGIIGAGAAA	AAIAWACCI	ATTERCANA
	TTATATGCTA				
	ATATGCTTGG				
	ATAGATGAGA				
105601	ACGTAACTTC	TAMATCITTC	TAGAAGGTTA	GATTITACGA	TATGCTCAAT
105651	CATTTAAACA	GTTATTTATA	TGAGACTTAC	AAGCAGAATT	пппппп
105701	TTAGTATTTT	TACAATATGC	AGTTCACATT	TTATGTACTC	CTAATTTACT
105751	TCTTGTTATT	CTTGGAATTT	TITAAAGGAT	TTTCCTGATT	CTTAAATGGT
105801	TCTATTCTTT	TTTGCAGTTC	TICIGITAAT	GATATGTTTT	TTATTTTTT
105851	TTAGTTCTCT	GTTGTCCTG	GCAAAACTTA	TATTTGGAAA	ATGITICTATT
105901	TTTCAGGTAT	CCTGGTCAGA	TATAGGAGGA	CTGGAAAGTA	TCAAACTGAA
105951	GTTGGAACAG	GCTGTGGAAT	GGCCCTTAAA	ACATCCAGAG	TCTTTCATTC
106001	GAATGGGTAT	TCAGCCACCT	AAAGGAGTTC	TTCTCTATGG	GCCACCTGGG
106051	TGCTCTAAAA	CAATGATAGC	AAAGGCTTTG	GCCAATGAGA	GTGGACTGAA
106101	TTTTCTAGCT	ATAAAGGTAG	GATGTTAAAT	TTTTTAATCG	CTACTCTCTC
106151	TTGGCCTCCC	CCAACCCCCA	TTCTCTGACT	CCTACCTTTA	GGAGAACGAA
106201	TAAAGGCATC	TTAAGGAGCA	GTGATTCTTT	TTTTTTATT	TGATGTTGAT
106251	GGCAATATAA	TATAGGGAGA	TGAGTGATAA	GAAATAAATT	CGTGCATGTA
106301	ATCAGCAAAT	CATGGTAGAC	ATTGGGAAGA	CTGCTTTATT	TAGTTTCTTG
106351	ATTCTGGTAT	TICTTATATC	CATGTGTAAC	AGAAGCTAAT	СППППП
106401	GIIGIICI	ACATTITIAA	TTATAGACTT	TIGCTTAACC	AGGACTTAAA
	GATAAACATG				
	AACAAGACAC				
106551	TCAGAAAGTA	TATICTICATE	CTITIOTIC	TICANCCACAC	ACACATTITA
106601	TITGITCATT	CCTTCCCCCC	CATTAACTIC	CATACATAAT	CITTCATCAT
100001	ATGIAGITGE	ACACTTACTT	TACCACCACA	TATTAATTT	ATCTAACATE
100001	ATGATATATC	CACATACTTA	ATCCACACAT	ATAAAACTCT	AAATCCATTT
100/21	CTGTGGACTG	IAICACAAAA	AIAIAIACCI	AMAIAGAIIA	CACCCAATTT
T0090T	CATTTCAGAA	AAGGCACAIG	AICAICIGIT	TIGATATIAC	CAGGGAATTI
T0082T	TTTACATAAC	AGAATGCATT	TICTITAGUS	IGAICTIGGC	CCCCACTACC
106901	CTCCCCCTCC	CAGGIICAIG	CATICICCI	GCCTCAGCCT	CCCGAGIAGC
106951	TGGGACTACA	GGTGCCTGGC	AAATTTTTTG	IAITIIIAGI	AGAGACAGGI
10/001	TTCACTGTGG	TCTTGATCTC	CIGACCICAI	GATCCGCCIG	CCICGGCCIC
10/051	CCAAAGTGCT	GGGATTACAG	GCGTGAGCGA	CIGCGICCG	CCCAGAATGC
107101	ATTTICIGIC	TTAGAACATT	GAAATCATTG	GCAGTTIGAA	AGCACAAAAC
	TTCAGAGTAG				
107201	ATACTTAGGT	GTGATTAAGC	таптапст	TTAAGAATCA	GTATCTTCAA
107251	CATATTTTT	ATTTTCTGGA	ACATATTICA		
	ACCATTTACA		AGRIATIOGA	GAGTAAAGAT	GGGGGAGGAG
107351	700111701		TTATGGGGAA	TCACAACTAC	GGGGGAGGAG AGTTTTAAAG
	GTTCAGGTT	TATTIGITAT	TTATGGGGAA TTTTTTGAGA	TCACAACTAC CATGGTCTCA	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC
107401	TAGGCTGAAG	TATTIGITAT	TTATGGGGAA TTTTTTGAGA TGATTATAGC	TCACAACTAC CATGGTCTCA TCACTGTAAC	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC
107401 107451	TAGGCTGAAG TGGGCTCAAG	TATTIGITAT TATAGIGGIG CTATTCTTCT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA
107401 107451 107501	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG
107401 107451 107501 107551	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC
107401 107451 107501 107551 107601	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC
107401 107451 107501 107551 107601 107651	TAGGCTGAAG TIGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA	GGGGGAGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT
107401 107451 107501 107551 107601 107651	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA	GGGGGAGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT
107401 107451 107501 107551 107601 107651 107701	TAGGCTGAAG TIGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTATCATG
107401 107451 107501 107551 107601 107651 107701 107751 107801	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTG TTTTACTCT TTGTATATTC
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCCAG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG THTTCTTTCT AATTTTTCTT	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTTGTA GTCTACTGGA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTTCTAGTC TATTCTACAA AATCTAAAAT	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTTATCATG TTTTTATCTCT TTGTATATTC TTATTTAAGA
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 107901	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTCT GAATTCTTCT GAAGTCCTCA	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTGGCA TTACTGGCA TTACTGGCA TTACTGGCA TCAGATAAGT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTTAACTCT TTGTATATTC TTGTATATTC TTATTTAAGA ACTCTTAAGA
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 107901 107951	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTC AATTITCTTT GAAGTCCTCA TITCTTACAA	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTGGCA TTACTGGA TCAGATAAGT ACTAGTACTC ACTAGTATCT ACTAGTATCT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTCT	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTTATCATG TTTTTATCATG TTTTTAAGA ACTCTTAAGA GTGATCCAAG
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 107901 107951 108001	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAGA ACCTGTGAGC GCACACTTAT GTAATAATTT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTC AATTITTCTT GAAGTCCTCA TITCTTACAA TAGATACTAC	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TAAGACTGCT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT TTCTGGACTA	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTAACACT TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 107901 107951 108001	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAGA ACCTGTGAGC GCACACTTAT GTAATAATTT	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTC AATTITTCTT GAAGTCCTCA TITCTTACAA TAGATACTAC	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TAAGACTGCT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT TTCTGGACTA	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTAACACT TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC TTGTATATTC
107401 107451 107501 107551 107601 107651 107701 107751 107801 107901 107951 108001 108051	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAGA ACCTGTGAGAATTAGA GCACACTTAT ACTTAGAAATTA	TATTIGITAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TITTCTGTTC AATTITCTT GAAGTCCTCA TITCTTACAA TAGATACTAC ATAITTATTA	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TAAGACTGCT TCTTTTTTGA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTACTCT TTGTATATTC TTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 107901 107951 108001 108051 108101	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTTAG TGGAATAATTT ACTTAGAAAT TAGACAATTT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTGAAGTACTACAA TAGATACTACAA TAGATACTACAA CATTTTTAGT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTTGTA GTCTACCTTGTA GTCTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA	GGGGGAGGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGGC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTACTCT TTGTATATTC TTGTATATTC TTATTTAAGA ACTCTTAAGA TCCTAGAATT TTCATAACCT ATTGTAAATG
107401 107451 107501 107551 107601 107651 107701 107751 107801 107901 107951 108001 108051 108101 108151	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTGACAA TAGATACTAC ATATTTTAGT AGGTTTAACT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACTGGCA TTACTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCAGTATCT TCAGTATTCT TCAGTATCT TCAGTATCACTG	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC AACATTITTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTCTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATGAGGAAA CTATATAAAA	GGGGGAGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGC GAGCTGCTGC GAGCTGCTGC GTGATTTTGT TTTTATCATG TTTTATCATG TTTTTAAGA ACTCTTAAGA ACTCTTAAGA TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCA
107401 107451 107501 107551 107601 107651 107701 107751 107801 107951 108001 108051 108101 108151 108201	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACCTTAT GTAATAATTT ACTTAGAAATT TAGACAATTT ATTCTTTGAA CACATTCATT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGA ACGCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTTCTACAA TAGATACTACA ATATTTTATACA ATATTTTATAC AGGTTTAACT TATTTGAGCT TATTTGAGCT	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA ATTTAAGGGTT TTTCTCCTTG TTTACTGGCA TTACCTGGA TCAGATAAGT ACTAGTATCT TAAGACTGCT TAAGACTGCT TCTTTTTTTGA CTTTTTTTTTT	TCACAACTAC CATGGTCTCA TCACTGTACAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTTAGGT	GGGGGAGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GAGCTGCTGC GAGTTTTGT TTTTATCATG TTTTAACTCT TTGTATATTC TTATTTAAGA ACTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCA CACAGACAGA
107401 107451 107501 107551 107601 107651 107701 107751 107801 107851 108001 108051 108101 108151 108201 108251	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA CACATTCATT AAAGCCACAT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG TTTTCTGTTC AATTTTTCTT GAAGTCCTCA TTTCTTACAA TAGATACTAC ATATTTATTA CATTTTTAGT AGGTTTAACT AGGTTTAACT GATGTTAACA GATGTTAACA TAGTTTAACA TAGTTTAACA TAGTTTAACA TATTTTAACCT GATGTTAACA GATGTTAACA	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTACTGGCA TTTACTGGCA TTACTGGCA TTACTGGCA TTACTGGCA TTACTGGCA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTTCA TTGTACACTG TTTTTTTCATTAG AATTATCTTC	TCACAACTAC CATGGTCTCA TCACTGTACAC CCTGAGCAGC AACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCTGACTTA TACTTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATGAGGAA ATTTTTAGGT ATCAATTGAG	GGGGGAGAG AGTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGC TCAAGCAGCC GAGCTGCTGC GGGTTTTGT TTTTACTCT TTGTATATTC TTATTTAAGA ACTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT ATTGTAAACT
107401 107451 107501 107551 107601 107651 107701 107751 107801 107951 108001 108051 108101 108151 108201 108251 108301	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATT ATTCTTTGAA CACATTCATT AAAGCCACAT AGAGATTATT AAGGCACACT AGAGATTATT AAGGCACACT AGAGATTATT AGAGATTATT AAGGCACACT AGAGATTATT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCCAG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGCCTCA THTCTGTTC AATTTTTCTT GAAGTCCTCA THTCTTACAA TAGATACTAC ATATTTTATTA CATTTTTAGT AGGTTTAACT TATTTGACT TATTTGACT AGATGTTAACA ACATGTCCTA ACATGTCCTA	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGT TTTACTGGCA TTACTGGCA TTACTGGCA TTACTGGCA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA TTGTACACTG TTTTTTTCA TTGTACACTG TTTTTTCATTAG TTTTCATTAG TTTTTCATTAG TTTTTCATTAG TTTTTTCATTAG TTTTTCATTAG TTTTTCATTAG TTTTTTCATTAG TTTTTTCATTAG TTTTTTCATTAG TTTTTTTTTCATTAG TTTTTTTTTT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC ACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCTGACTTA TACTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTAAGT ATCAATTGAG ATCAATTGAG TTGATTTAGT	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTG TTTTACTCT TTGTATATTC TTATTTAAGA ACTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCCA CACAGACAGA CACAGACAGA TTCATAACTC GTGGATTTTT
107401 107451 107501 107551 107601 107651 107701 107751 107801 107951 108001 108051 108101 108201 108201 108351	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATTT ATTCTTTGAA CACATTCATT AAAGCCACAT AGAGATTATT AGAGGATTATT AGAGGATTATT ATTCAGTTTA	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCCAG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGCTGTC AATTTTCTT GAAGTCCTCA TTTCTTACAA TAGATACTAC ATATTTTATTA CATTTTTAGT AGGTTTAACT TATTTGAGCT GATGTTAACA GATGTCCTCA GAGTTTAACT GATGTTAACA GATTTAGTG GATGTTAACA GATTTTAGTG	TTATGGGGAA TTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTACGGGT TTTACTGGCA TTACTGGCA TTACTGGCA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCATTTTTCA TCTTTTTTTCA TTTTTTTCA TTTTTTTT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC ACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCTGACTTA TACTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATATAAAA ATTTTAAGT ATCAATTGAG TTGATTTAGT GTATTTAGT GTATTTAGT	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGTTATTCT TTGTATATTC TTATTTAAGA ACTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCCA CACAGACAGA TTCATAACTC GTGGATTTTT ATTTTTGAAT
107401 107451 107501 107551 107601 107651 107701 107751 107801 107951 108001 108051 108101 108251 108201 108351 108301 108351	TAGGCTGAAG TGGGCTCAAG GGTGTGAGCC GTCTCACTGT CTCCCACCTT AACACAGCAA CACTTCCCAG TGGTAATGGG CATCTCCATT ATAGTATTAG ACCTGTGAGC GCACACTTAT GTAATAATTT ACTTAGAAAT TAGACAATT ATTCTTTGAA CACATTCATT AAAGCCACAT AGAGATTATT AAGGCACACT AGAGATTATT AAGGCACACT AGAGATTATT AGAGATTATT AAGGCACACT AGAGATTATT	TATTTGTTAT TATAGTGGTG CTATTCTTCT ATCACACCAG GTTGCCCAGG ACCCTCCCAA AGGTTGCGGT GACAACTTGA GATGGCTGTG THTTCTTTACAA TTGAGTACTAC ATATTTATTA CATTTTACTA AGGTTTAACT TATTTGAGCT GATGTTTAACA ACATGTCCTCA CATGTTTAACA ACATGTCCTA GAATTTAGTG GGATATACTT	TTATGGGGAA TTTTTTGAGA TGATTATAGC GCCTCAGCCT CTAACTTTT CTGGTCTCAA AGTGCTGGGA TTTAAGGGTT TTTACTGGCA TTACTGGCA TTACTGGCA TCAGATAAGT ACTAGTATCT TAAGACTGCT TCTTTTTTGA CTTTTTTTCA TTGTACACTG TTTTCATTAG AATTATCTT TGGTTCGACA AATGAATGAT ACTGACACA AATGAATGAT	TCACAACTAC CATGGTCTCA TCACTGTAAC CCTGAGCAGC ACATTTTTG ACTCCTGGCC TTATAGGAGT GAAGTAATGA GTCCTTGTCC TTTTCTAGTC TATTCTACAA AATCTAAAAT TTTCGACTTA TACTTTTCT TTCTGGACTA ACATAAACAT CTATGAGGAA CTATGAGGAA ATTTTAGGT ATCAATTGAG TIGATTTAGT GTATTTAGT GGGTTTTTAT	GGGGGAGGAG AGTTTTAAAG CTCTGTGGCC CTCAAATTCC TAGGACTACA TAGAGACAGG TCAAGCAGCC GAGCTGCTGC GTGATTTTGTTTTACTCT TTGTATATTC TTATTTAAGA ACTCTTAAGA GTGATCCAAG TCCTAGAATT TTCATAACCT ATTGTAAATG TAACCAGGCA CACAGACAGA TTCATAACTT ATTTTTGAATT TTTTTTTTTT

108501	TTTTTTGCAT	TTTGAAATAT	TTGCATTATA	CTTCCCAGTT	GAGCATCCCT
108551	AATCTGAAAA	TTTGGAATCT	AAAATGCTAA	AGTGGGCATT	TTCTTTGAGT
		AGCTCAAAAC			
		ATACTCAACA			
		TTAAATACAA			
		TCATTGGTCC			
		AAGTAACAAT			
		TGGGAATTCA			
		TOSCCCAGGC			
		CCTCCCAGGT			
		TAACAGGCAA			
T0302T	IIIIAGIAGA	GACAGGGTTT	CACCAIGIIG	CCCAGGCIGG	ICICGAACIC
103101	CTGAGCTCAG	GCAATTTGCC	CACCICACC	ICCCAMAGIG	CIAGGATIAC
		CACTGCACCT			
		TTGGCAACTT			
		TTTCTACAAG			
		AATCTTACAC			
109351	ACACTAGAAT	TCTCTAGCCA	GTTAGGAAAC	ACAAGTATTT	TAAACAGATT
109401	GAAAGGAAAA	ACTCCCTATC	ACTITITCACA	ATGGTAGTTA	CTACTTTTAA
109451	TCTTCAAGAT	ATTTTGATAG	ACTTACACTT	CTTCCTCTAA	GTTTATGAAA
109501	GAACCTTTTA	GCTTCCTCTA	TGCATCTTTT	CTGAACAGGG	ATTAAAAGAT
109551	ACGTACTGTA	CTCAGGGTGG	AGACTTCAGC	TTGGCTTGTG	TGAGCTCTTA
		GCATATATAT			
		GTTTAGTTTG			
		TTCCTTTCTG			
		TTGCCCTGGG			
109801	TGTCACTAAT	TCTGCAAGAA	ATGTGGTTAG	GTCTTTGACA	GGGATTTICA
		ATTCTGGTAA			
		GGGAAATTTT			
100051	TATAAAATAG	ATTICATTIC	CAGAAAAACC	TETEGETITAT	TCAAAGTAGT
		GAGTACAGGT			
		TACAATGGTG			
		TTAATCCTTT			
		CTGGAATGCA			
		TTCAAGCAAT			
		CCAAGTATCT			
		TATTITIAGE			
		CTCCCGACCT			
		CAGGTATAAG			
		GTGATATGCA			
		CACAGCTCCT			
		TAGAATGTAC			
		AGCATTCTGA			
		AGGTTAGGAG			
		TGAGTTTATC			
		ACTATTIGIC			
		AGATAATCTG			
		TTAATTTTTG			
		AAGATTACAA			
		AGGTCTAAGT			
		CTCAAGAGTC			
		TCCCTTTTG			
		TCATTAATTA			
		GGGTAGGTTT			
		TAATTTTGTT			
		TCTAGGAGTA			
		AAACTGTTCA			
		ATGGGGAGCT			
		TGAGTATGTC			
		ATTTACTTCC			
		CTGTAAGTCT			
111551	TGTACATTAT	AAGCTTTGGG	GAGCATTATG	CTTAAAAAGG	CAAATGAAAA
111601	AGTTTTTGGG	GGGCATAACT	CCCCACTCCT	TGAGTGTGGG	CTTCTTTCCA
		TATCAAAAGA			
		AGCCGTGCCA			
		TGTTGACAGT			
		TTTTTCAGT			
		AGATTGAAAA			
111901	AATAAGGAGG	GCTAACTATG	TGTCCTCAGA	TTCCACAGGC	TGACTACAGG
		GIGIGCATTT			

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112001	CCGTAGATAA	CTGATAAATG	ACTATATATA	CCCTTGGATA	ATGTGGTGAT
112051	AATAGCACTT	TACTTCTGTT	GTNNNNNNN	NNNNNNNN	NNCCTGAGTG
		CTCTCCAACC			
112151	AAAGACATTC	TGTAAAATCA	CTGACTAGTA	CTCCTCAAAA	CTGTGAAGGT
112201	ΤΑΤΓΑΔΑΛΑΓ	AAGGAAAGTT	TGAGAAACTG	TCACCACCAA	GACAGTACCC
112251	AAGAAAGCAT	GATAGCTAAA	TGTAATGTTA	CAATATCCTG	TGTAGGATGC
112301	TICCAATICAAA	AAAAAAAAA	AAGGACATTA	CCCAAAAATT	AAGGAAATCT
112251	CAATAACTAT	GGTCTTTAGT	TTAATAATAA	TATCTCAATC	TIGGETTCACT
112401	CATTETAACA	AATATACCAT	CCTAATATCA	CATACTAATA	ATAACCCCAA
		GGGTGGGTGG			
		TAAATCTTAA			
		GTCAGTATAA			
112601	TGAAGTTIAA	AAGGCTAACT	CIGAGIICIG	IACIGCAGIG	AACAGGATGC
112651	ATGGAGTAAG	GCAAAGAAGA	GTCATGAAGA	AGATIGIGGA	HICAIGGG
112701	GAGGGCTTTG	ATGACCTCTC	CTATTCATAG	TCCCCCTGCC	CATAATGATA
		ACTGGGAAAA			
112801	GGTTTGGGGC	TGCCCTGAAC	пссстатт	CACTGCACTT	CTCAGTTGAA
112851	GCCTATAAAG	GIGIGITIA	GTTCTGGCCCC	CAAACCCAGA	CCCCAACACT
112901	ATAAAGAACT	CTTTCTCTTA	जजागा	TATTTTTCT	TTCACCTTGG
112951	GTGCAGCTTC	CAGTTTAGTC	TCACCAGGAA	CTATGTCATT	TCATGCCTTT
113001	TGTGGATCCT	AAGTCTGTAT	TCTCCTTCTA	TAGGTTTATT	ACTGTTTGGG
113051	CTCATCTAGA	GTCTGAAACC	TTTTGAGTTT	CTATTTAATT	TCCTTTAGAG
113101	ппыпп	TTTTAACTTT	AAAAATTCCC	TTGACTTCAG	CAAATAGTGT
113151	TGTATTATGT	GCCTTATTTG	CTTAAATCGG	CAGTTATTAA	CATCAATATT
		ATATACTTAG			
113251	ATAACTAATA	GTAACCTGTT	ATTCTTGGGA	CAAGTGGAAT	AGITATIGIG
113301	CCATTGTCAG	TTTTACAAGG	TTATGAAGAA	GTTAGATCAG	ATTTACTTAC
		ATTTGTACAG			
		ATATATGTTA			
113451	TAAAGCTGAT	ATATAAAAA	AAGICTIGAT	GTGAAAATAT	TCCATAAATA
113501	ACATITATCT	AAAAGCAGAA	AATGACAATA	AGAACTATAA	CAAAACCTTT
113551	AGCATTTIGGA	ATCTAAGAAG	ACCTAGAGAG	ΑΤΤΤΑΓΑΛΑΛ	AGAAGGATAA
		AATTITATAA			
		AGCACATTTT			
		ATGTAGAGAG			
		ATTTAGAGGT			
112001	TACTITIONA	AATATTIGIA	AAACTTTTAC	AATTICCAATA	CCAAAAATAA
112001	CACCITICICI	GTGTCAGGCA	CTCTCCATAC	TAAACAAAGA	TATATTAGAT
112001	CCCTCTGT	TTATGTATCA	ACTICATTATT	TACTICICACA	CATATTICAC
		ACATGAAGAA			
114001	TOACACIA	CTCACAAATC	ACAMACAAAA	CCACTCAAAC	GTGATAAAAA
		CAATGACTGG			
		GGACAAAATG			TTGAGTTTGA
114201	IGGAITIGIA	GCTCAAGAGG	AIGALIALLI	CUAGAGATGA	AAATATGGAA
114251	ATTGAGATGA	AAATGTGGAA	ATTGGAAATC	AGIGITIGAG	ATTICIOCAGA
114301	CAAGTCAGCA	AAGGAGACTG	AGAG I GACAA	AAGIAGICAI	TAA TAGCAGA
114351	AGGGGATTIC	AIGGGCAIGI	AMATATGIGI	AAATACACAT	TTTACAACTT
					GAAGAAATGT
					GAAGGATTGT
		TTGAGAGGAA			
		ATTTCAGGGT			
114601	AATTAAAACC	TATTTCAAA	CICTITIGAAG	IGCTTTCCCA	GAATGGCCTT
		TGATACTGTA			
114701	ACATTACATA	TATGTAATTC	TATCTTATGT	GAGTTTGGAT	TTTTATGAGC
					CCTCCCTTCC
114801	CCAGACACTT	TAGAACTTAT	AAAAACTTCA	TTTGAATTGT	AATAACTAAA
					GAGGACTGAA
					ATGAGGTGTA
114951	AATGTTATAC	TCGAGTTTGT	GACTGATATG	ATGTAAAATA	ATGAAGCACA
115001	GTAAAAAGAT	AAGTCAGGTT	TACTTCTCAC	TAGATTAATA	GAACAGCTGG
115051	ACAAATATTT	TCACATGTGT	TTATGATATT	TITGITATIT	TGTAAACTTG
115101	GATACTTGAA	ATATTGGCCA	TGGAATGTTA	AAAATAATGC	TATTAAAAAT
					TCATTCTTAT
115201	CAGTAAAGCA	CATGCTATCT	AGGAGGTAAA	ATATGTGGCA	AGACTAACAT
					CTGAGACTAT
					TCTTGTTTAT
115351	AACGGGTACT	AATAAAATTC	TTATTTCAA	ATTAGCCTAT	GCTACTATCT
115401	ATTAAGAAAG	AATTATACTT	CACCTTTGCC	ACTOGATOTG	CTCACCAGAA
115451	ATACATTTGA	ATTTGAATTG	CTGGTACTGT	GTAAAATCTT	GTTTAAATT
	_				

	_
115501 TAAAAAATTA TTTTTAGCAG CCAGCTTTGT CTAGCCCCAA ATTAACTTT	
115551 ATCTAMATC TTAACGGGAC ATTTCATTTC TCTTTTAAGG ACTTAGAAC	A ~
115601 GGACATCATA ATTCTTAGAA AGAGTGCTGG TTTGGAAACC ACAATTCTG	_
115651 ATTICITATEA TITICIGCCAT TTAACTAGET CTAGGACTIT TGGCATATTA 115701 CTCAGCCTCT TTGTACTTTG CCTCAGTTTT AGGTGAGTAG GTTAGACTA	Δ.
115751 GTGACTCCTA AAGCCCTTCT GCTAATAACA TTCTATGAGT AGGTCACAG	ì
115801 ACTIGIACTI TAATCIGITG CATATCTITT GTGCCAATGG TGGCCAAATA	۵
115851 TTTGGGGCAG TTTCTCTAAC TGTCAAGTGT AATAGTTAAA AGACTTGTA	Ť
115901 CCCAGTTCTG CCATTTGCTA AGCTGTGTGA CTTTGGACAA ATTACTTCA	ċ
115951 CTCTTTGCAC TTAATATTTT TTTCTGTAAA ATTGTAGTAA CAGTGTACA	Α
116001 CTCAGAAGAC TGTTGCAAGC AGTAAAAGGG ATAAGACATA GTAAGCATA	T
116051 AGAAAGATTC CACAAAATTA GTACATGCTG ATTGCTGCTC TCTTCCATT	Т
116101 TTAAGAAATT GATGTATGTT TGACCTCAAA TGGAGCAAAA ATATGACAT	C
116151 ACAGCTTATG ATTCCTTAAG TITTCTGTTA GTAGTAAAGT GTAATATTTA	A
116201 TCTTTGAAAC TGAATATAGA CTTTTAAACT CTTTGTACCA AAATACAGTT	G
116251 ATTTTTGGCA ACTTAMACTT CAAGCTTAMA ATAMCCTCCC TTGGTAMTG	A
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116401 ATAGTCCTGT ACAAAGTCAT ATTTTCTAGG GACCCTGCAG TCTTTTCAT	T
116451 ATGCCTTATT AGTAACACTT GACTTGAATT ATTCCAATGC GTATTTTCT	T
116501 CACAGTGCCA GATTTTCAAG TTAGAGTTTC AAATGTCTTA ATTTTTTTT	ċ
116551 TITCIGITIT GITTIGITIT GGAGGAAGAA GCATIGITIC ATICITATO	č
116601 ACAGGTCCTG TAGTCCACCT TTCTGTGGCA GTGGAGTGAC CCTTCAATT	G
116651 GTTGAGGCTT TATACTATAT TTTCACATTT TCAAACAAAG TATCAAGAA	T
116701 GTTTACCTGT ATGTTGGATA TTTATTAATA AACCATATTA ATCTTTCTA	T
116751 TGATACCAAG ATATTGACAT TGTACTTAGC AGAGAAAAAA ATCATGAAA	T
116801 GACCATAATC TIGTACTTTC TAACATTAAT GCCTAGGTTA TCTTCATCA	T
116851 CTACAGAGAA CAATGACCAT TTTTCCAGGT TCTCTAATCT CTTTCCTTC	A
116901 GTTAAGCCAG ATAATTAAAA AGCAGTATAT ATACATTCAG TTACATTGO	Ž
116951 TGAATAAGA AATCTCTTCA CTGGATTATT ATTTTATGCC ATATCCTTG	
117001 CTTTTGCAGA CAATTGCTGT AAGAACAACA GCAATAATGT AGAGTTGGC 117051 TGATGGTAAT TGCAATAAAA ACAGTGACCC CAGCAATTTC CTTTCTGAT	$\hat{\tau}$
117101 ATTIGTCAGGC CACAGTTTGC CTAGGTAGTT GCTCTAAACT GAATAAAAT	r
117151 TGCATACAAA TTTCTTACCA CCCCTAACCC CTCAACAAAA ACACACTCT	Ğ
117201 CTGTTTATCT AAAGCTTGTT TTATTGGGTG GGCCCTGATC CTTGTTTTA	Ğ
117251 TGTTCACTTT CTTAATTCCT TGTCCACAGT CCCCCTTGTG TAAAACTTA	Α
117301 TTTACCACAT GTAAATGAAA AGTACTAGTT TTGTTTATTT GACTTTATA	T
117351 TATGITATGA ATAGGCATTT CITIGCTTTGT ACTACAATCG TTTTTACAG	
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117451 GGGCTGTAGT ATAGGGCTGT AAAAATGATT GTGCAAGGTG AAATTATGC	A
117501 GAATGATCTT AATCAGTGGG AAAAATTACA AGTGTTACAT AACTTTTAA	A
117551 CATTITIGICA AAACATTAAG AACGITCATT CTTGGTTATA AATGITGAG 117601 CAGTGCATTT TGGCTGTATA ACAGATCCCT TGCTAGTTTC CCTACCTCT	L T
117651 AACTTATTTC TTTGACTAGC CCTTCATTCA CACACTGACA GCCTAGTAC	÷
117701 CCATTITATG AGGACACAAC AATTTATTTA CTCATTITTA TGTTAATGA	À
117751 TTTTTAAGAC GCTTCCACCT TTTATTTTTA TTGTTGTTAT AAACAGTGC	Τ.
117801 CAGTAATATT CTTATTCATT TICTTTIGTA TATTGGTAAG AGITTCTGT	Ά
117851 GGGTATACGT ATCTAGAAGA AGTTGTTATT GTTATTGGAC ATGTACGCT	T
117901 CAACATTACT AGATAGTTTG AAATTGCTTT TTTTGTGTGT CATTAATTT	T
117951 TTTTGCTTAA TTTGTATCAA TCAATTTTTT AAATATTTTG AAGATTGTT	C
118001 ACTOCTTAGC AATTATGTCA TIGACATTTT TGATGACTTT TGATCTTAT	A
118051 GACAAAAGTG AACTICTTICA AATTATATGA GATTAATCTA CATCAGAGG	بر
118101 CATAGTCTTT AGACATAATC TGGCCTGCAG TGTATTTTGG TCCAGCTCC 118151 TAGCTAAGAA TGAATTTTTC ATTTTTAAAG GGATATTAAC AAGAAGAAT	~
118201 TGTGACAAAG ACTTTATGTG GCATATACAG CCCAAAATAT TTACTCTCT	â
118251 GCTCTTTATA TTTCGTCTTT TTAGATCCCA CAATACGTGG AAAACTGCC	
118301 TCAAGTTTAT TTACCTCAGT GACGGCTGTG GGTGTAAACA TTGTGTCGC	Ξ
118351 GTTACATAGT CTAACCIGTA TCTAAAAATA AGCTTGTAAA ATTGATTTG	3 G
118401 TATTGTTTCT TTTTCTTCAA AATCCTTAGA AGTATGAGAA CATTTTGCC	T
118451 CAGCATAATT AATGTTTCAT TGTTTGTCTT TTTTTAAGTT AAATCTGTT	Т
118501 GGTAGTTGCA TTATTTAAAA AATTGAGATA TGGAAGTATT GGTGATTAA	A
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118651 ATATACTAAT TATAAATAAT TACTCATCCA AAACACTGTG CCAAGCAAA	``
118701 CCTIGTTTAC TTATGGATAC ATAATCACTT TGTCTATTTG TGTATTCTG 118751 GGTTTGTAGA TTTCAGTCAG TGATGTAATG ATATTATCTG TCTTAAATG	<u>.,</u>
118801 AAGATAATAT TTTTAATTAT TACTCTTCTT TTTTATAATT TTTTATTTA	Ω.
118851 TATTATTATT ATTTTTGAGA CGGAGTCTTG CTCTGTCACC CAGGCTGGA	G
118901 TICCACTEGTIG CAATCTCAGC TCACTGCAAG CTCCACCTCC CGGGTTCAC	33
118951 CCATTCTTCT GCCTCAGCTT CCCAAGTAGC TGGGATTACA GGTGCCCGC	X

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119001 ACCACGCCCA GCTAATTTTT TTTTTTTTT TTTTTTTGTA TTTTTAGTAG
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121451 AAGTTGCTAA ATCAGGATTG TAAGATAAAT GCCTAATGAT GTCCCATTGA
121501 AATTOCTGCA AAATTGCCCCT TGTTTGATGA GACAAATAAG CATAAACTTT
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121601 GCTTTTGCTC ACTITCTCAA AACACTTGCA GTCAGCAGAT ATTATTATTC
121651 TTTGGAAAGT CAACAGGCAA AATATCTTGA GCATTCAGAA AAACTGTTGC
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121651 TITIGANAGT CANCAGGCAA AATATCTIGA GCATTCAGAA AAACTGTTGC 121701 CATGACCTTT GCTCTTGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TTGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCA
121651 TITIGAAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGITIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTIGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TTGAAGCAGT ACGTCAAAAT
121651 TTTGGAAGT CAACAGGCAA AATATCTTGA GCATTCAGAA AAACTGTTGC 121701 CATGACCTTT GCTCTTGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TTTGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TTGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TTTTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TTTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TTTCAGTCAG AATTGTTTAA CCTGAACCAA TTGCAGTGGC
121651 TTTGGAAGT CACAGGCAA AATATCTTGA GCATTCAGAA AAACTGTTGC 121701 CATGACCTTT GCTCTTGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TTTGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TTGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TTTTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TTTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TTTCAGTCAG AATTGTTTAA CCTGAACCAA TTGCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA
121651 TITIGANAGT CANCAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TTGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITTCAGTCAG AATTGTTTAA CCTGAACCAA TTGCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TTTTCCTTGC AAACTGATGT GGAAGGTCAG
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGICCATGTT TGCTTIGACT GGACTACTTC 121751 TATCTCTIGG TAGCCATIGC TITIGATIGIG CTTTIGACT AAGATCTGTA 121801 GAGCIGIGTT TCATTTCCTG TTACAGTTCT TIGAAGCAGT ACGICAAAAT 121851 CTTGATCCCA CTTGTTACAG TTTTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TITIGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITICAGTCAG AATTGTTTAA CCTGAACCAA TIGCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTAA 122051 GGGAACAAAC AAGATGAGTT TTTTCCTTGC AAACTGATGT GGAAGGTCAG 122101 CTGCTGGGGG CTTCATCTTC AACATAGTCT TGTTCTTTCA GTTATCCATT
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGICCATGTT TGCTTIGACT GGACTACTTC 121751 TATCICTIGG TAGCCATIGC TITIGATIGIG CITIGICTIC AAGATCIGTA 121801 GAGCIGIGTT TCATTICCIG TITACAGTICT TIGAAGCAGT ACGICAAAAT 121851 CTIGATCCCA CTIGTTACAG TITTGATIGA AAGCICTGCC CTIGTATGCA 121901 GCIGATCTGG GCATAAGGAT TITGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTITAATT TITCAGTCAG AATTGTTTAA CCTGAACCAA TIGCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA CCATGACCAA TICCAGTGGC 122051 GGGAACAAAC AAGATGAGTT TITTCCTTGC AAACTGATGT GGAAGGTCAG 122101 CTGCTGGGGG CTTCATCTTC AACATAGTCT TGTTCTTTCA GTTATCCATTA 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTIGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATIGC TITIGATIGIG CTTIGICTIC AAGATCTGTA 121801 GAGCIGTGTT TCATTTCCTG TTACAGTTCT TITGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCA 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITCAGTCAG AATTGTTTAA CCTGAACCAA TIGCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TTTCCTTGC AAACTGATGT GGAAGGTCAGT 122101 CTGCTGGGGG CTTCATCTTC AACATAGTCT TGTTCTTTCA GTTATCCATTA 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC 122201 ATCAATAGTT TTACCATTTT TCTATCCAAG CTTCACCATA AATTTGCTGC
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TITGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCA 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITCAGTCAG AATTGTTTAA CCTGAACCAA TITCAGTGGC 122001 TCTGGTGGTG GGTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TTTCCTTTGC AAACTGATGT GGAAGGTCAG 122101 CTGCTGGGGG CTTCATCTTC AACATAGTCT TGTTCTTTCA GTTATCCATTA 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC 122201 ATCAATAGTT TTACCATTTT TCTATCCAAG CTTCACCATA AATTTGCTGC 122251 TTCTTGCTTC AATTTTAACA AAATTCATGT GGCTCTGACA AACTGTTTTC
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TITGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITCAGTCAG AATTGTTTAA CCTGAACCAA TITGCAGTGGC 122001 TCTGGTGGGGG GTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TITTCCTTGC AAACTGATGT GGAAGGTCAGT 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC 122201 ATCAATAGTT TTACCATTTT TCTATCCAAG CTTCACCATA AATTTGCTGC 122251 TTCTTGCTTC AATTTTAACA AAATTCATGT GGCTCTGACA AACTGTTTTCCTGCACACATGTCT TTCAGACCTGT TTCAGACTGT TTCAGACCTGT TTCAGACCTGT TTCAGACCTGT TTCAGACTGT TTCAGACTGT T
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTIGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATIGC TITIGATIGIG CTTTIGICTIC AAGATCTGTA 121801 GAGCIGIGTT TCATTTCCTG TTACAGTTCT TIGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITTCAGTCAG AATTGTTTAA CCTGAACCAA TIGCAGTGGC 122001 TCTGGTGGGG GTATTGTTT GTGCTGTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TITTCCTTGC AAACTGATGT GGAAGGTCAG 122101 CTGCTGGGGG CTTCATCTTC AACATAGTCT TGTTCTTTCA GTATCCATT 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC 122201 ATCAATAGTT TTACCATTTT TCTATCCAAG CTTCACCATA AACTTGTTTCC 122301 AAACTGGTAT CTTACCCCTTA GTGCCTCAAA CTGGACTCTG TTCAGACATG 122351 TTTTAACAAG TTAGTATGAA
121651 TITIGGAAGT CAACAGGCAA AATATCTIGA GCATICAGAA AAACIGTIGC 121701 CATGACCTTT GCICTIGACC AGTCCATGTT TGCTTTGACT GGACTACTTC 121751 TATCTCTTGG TAGCCATTGC TITIGATTGTG CTTTGTCTTC AAGATCTGTA 121801 GAGCTGTGTT TCATTTCCTG TTACAGTTCT TITGAAGCAGT ACGTCAAAAT 121851 CTTGATCCCA CTTGTTACAG TITTGATTGA AAGCTCTGCC CTTGTATGCAC 121901 GCTGATCTGG GCATAAGGAT TITTGGCCCTA ATCATGTGGA AAGTTTGCAC 121951 AACTTTAATT TITCAGTCAG AATTGTTTAA CCTGAACCAA TITGCAGTGGC 122001 TCTGGTGGGGG GTATTGTTT GTGCTGTTAA TCATTTATCT TCTTCAATTA 122051 GGGAACAAAC AAGATGAGTT TITTCCTTGC AAACTGATGT GGAAGGTCAGT 122151 TGTAAACTGC TATCTCATTA GGGCATTGTC TCATGAACTT TTCATAAAGC 122201 ATCAATAGTT TTACCATTTT TCTATCCAAG CTTCACCATA AATTTGCTGC 122251 TTCTTGCTTC AATTTTAACA AAATTCATGT GGCTCTGACA AACTGTTTTCCTGCACACATGTCT TTCAGACCTGT TTCAGACTGT TTCAGACCTGT TTCAGACCTGT TTCAGACCTGT TTCAGACTGT TTCAGACTGT T

122501	CTGAGGATGT	CATGTTTTT	TTIGTCAATC	пппып	CTATGCTTAC
122551	TTTGAATGGT	TGTTCTGTCT	CCAAATTTAC	TGATTITITI	CHAGCIG
		TAGTGCACTT			
122701	TRANSCITC	ATTIGGTICT	CTTTTTCTC	TOTALLIT	TTTAAAAATT
122701	TOTTER	AGGTCAATAA	CTGCATAGTG	TTTTCTGAA	ΔΔΤΙΤΙΙΚΑΑ
122801	AATATTTACG	ATACCTGTTT	TTAAGATCTT	GITTGCCAAT	TTTATCACTT
122851	CTITIATTIC	TATATCTATT	TGTATTGAAC	TITITICIC	CAATGTTTTT
122901	ATATTTGGAT	CAAGTTTTTG	TITATITCIT	TAAGATCTCT	AAACTTTACA
122951	GAAAATTTGC	AAGAACAGTC	ACAAACATTT	TTTTCTTCAA	CCATTTGAAT
123001	TTAGTTGCTG	CCATATGCCC	CATCACAGCT	GAATACTTCA	GIGCGTATIT
123051	CTACAAAAAG	CAAATTCTCT	TACATAACCA	CAGTGTAACC	ATAAAATTAG
123101	AAATGAGCAT	TATTATTGTC	ACTCAAGTTT	TGTCAGGGGT	CCCAATAATT
123151	TOCTITATGA	CAMATAAGT	TAGTCCAGAA	TCAIGIGIIG	ADDRESS
1232UL	CATCCCTCAA	GAAGATTTCT GATTCTTCAG	TTOCTACAG		
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123351	CATCTCTAAA	TIGAGATTIG	CATGACATTC	CCTCATGATT	AGAGTTAGGT
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123451	ACTTGATTTT	AACTTGTCGT	ATTICTAGIG	ATGTTAACTT	TGATTATGGT
123501	GGTGTCAGCC	AGGCTTCTTC	ATTGTAAAAT	TACTCTTTTT	CCTGTTAAGT
123551	TAATATTTTG	TGGGAAGTTA	TTTTGGGACT	ATATAAATAT	ccigiinie
123601	CCGGGGGAGG	TGGTTCATGC	CIGIANICCC	AGCACTTIGC	GGGGCTGAGA
173627	TGGGTGGGTG	ACCTGAGGTC TCTCTACTAA	AGGAGITIGA	ATTACCCACC	CCTCCTCACA
123701	TATACCTCTA	ATCCCAGCTA	CCTCAGGAAG	CTGAGGCAGG	AGGATCACTT
123801	CAACCTCCCA	AGCAGAGGTT	GTAGTGAGTG	GAGATCGCAC	CACTGCCCTC
123851	CAGCGTGGGT	GATAGAGTGA	GACTCCATCT	CAAAAAAAA	AAAGAAAGAA
123901	AGAAAAAGAA	ATAAATACCC	TATTICTTAA	GAGATTTTTA	AATTTATTTC
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124001	AGTATCACTA	TTTGTATTGA	TGTCTCAGTT	GCACCAGTTT	GGCTAGCAGG
124051	CCCTCTTTTA	AGCTGTCTTT	TGTGTGCTCT	TGGCATTAAT	TAATCGCAGA
124101	TGGAAAGTCA	GTTGTAACTC	TIGIGLAGCII	CATACTCAAG	CATAGCIGAG
124151	TETTACTACT	TATGATTGCA	ATTATACATT	TTTTATTTA	ATCATTTTIGG
124201	AGTACAGTAT	TTTTAATGAG	CTACGTATTT	ATTTTIGIAT	TTTTATTGG
124301	TGTATCATAG	TTGTACATAT	TTTGCAGGCA	CATGTGATAT	TTTGATGTGT
124351	ATACAATATG	TACTGATCAA	ATTGGGATAA	TTGGAGTCTT	CATCACCTCA
124401	AACATTGAAC	тптсптс	TTCGGGAACA	TTACAATTCT	CCTCTTTTAG
124451	TTATCTTGAA	ATATGCAGTA	AATIGIGIT	AACTATGATG	TCTCTACTGT
124501	ACTACTGAAT	ACTGGTACTT	ACTOCTICIA	ACIGIGGIII	TGIACCCATT
124551	AGCCAATTII	TTTTCATCTC	TACCACCATE	ACATOCACAT	TTTTACCTTC
124651	CACATATGAG	TGAGAACATA	AAGTATTIGT	CT TICTOR	CCTAGCTTAT
124701	TGCACTTAAC	ATAATGACCT	CICATITIAT	CTGCGTTGCT	GCAGATGACA
124751	GGATCTCATT	TTTTTAATGG	CTAAATAATA	ATTGATGAAC	ACTTAGGTTG
124801	ACTCCATACC	CTGGCTGTTG	TAAATAGTGC	TACAATAGAC	ATAGGAGTGC
124851	AGATATCTCT	TGGAAAGACT	GCTTTCCTTT	CTTTTGGTAG	TAAACCCAGT
124901	AGTGGAATTG	CTAGATCATA	TGGTAGTTCT	GTTTTAGTT	TTTTGAGGAA
125001	CACTETACAC	GCTTTCCT	AAIGGCIAIA	CIAATTIACA	TTCCCATCGA ATTTCTTATT
125001	TTTGTCTTT	TGATAATAAC	CATTCTAACT	TIGCATAAGAT	AAGAGATCAT
125101	TGIGGICTIG	ATTIGCATTT	CCATGATGAT	TATGATGTCG	AAATTTTTTC
125151	ATATAGTTAT	TGGCCATCTT	TCTTTTGCGC	ATTTTTTTA	TTGGATTATT
125201	TATATTTGCT	ACTGAGTTGT	TTGAATTCCT	TTTGTTATTC	TGGTTATTAT
125251	TTCTTTGCTG	AATAGGTAAT	TTGCTAATAT	TTTCTCTCAT	TCTGTAGATT
125301	GTCTCTTCAC	TTTCTTAATT	GITICCITIG	CTGTGCAGAC	ACTGTTGAGG
125401	. IAATTIGICT	TITTITIGC	CITIGUACE	CATTTCCCA	AGTITICTIC
125451	TAGTAGTER	TIGIAIAGCA	GICTIATETT	TANGICATION	TITITITI
125501	CCTTTTGAGA	CAGGGTCTCA	CTCTGTCACC	CAGGCTGGAG	TGCAGTGGTG
125551	TGATCTTAGC	TTACTTCAGC	CTTGAACTCC	AGGGTTCAAG	CAATCTTCCT
125601	TTCTTAGCCT	CCTGAGCAGC	TAGGAATACA	GGTGTGAACC	ACTACACCTA
125651	. TTTTTTAAA	TATTATTAT	TGTAGAGGTG	GGGTCTTGAT	ATGTTGCGCA
125701	GCTCAAACT	TCTGGCCTCA	AGTGATCCTC	CCACCTCTGC	TTCCTGAGTT
125751	. GCTGGGATTA	CAGGAGTGAG	CHICAGO	AGCCACATTT	AAGCCTTTAA
125561	. IACATTIGA	ALIGALLIII ATATOGATAT	TTACTITIO	CACTATCATT	ATTTAGTTTC
125901	TGTTCTGT.	CAGIGIGIG	TICHGATGO	CCTTGTCGAA	AATGAGTTGA
125951	CTGTAATGAA	TGTGGATTTA	THEIGGIT	cicicimi	TTTCATTGGT

126001	CTGTGTGCCT	GTTTTTATGC	CAGTACCATG	CTGTTTTATT	ACTGTAGCTT
	TGTAGTATAA				
126101	TAGCTCAGGA	TIGCTITATC	TACTCAGGGT	CITGIGIGGA	TCCATATGAA
	ATTTAGGATT				
	ATAGGGATTG				
	AACAATACTT				
	GGGGCCTC				
	AGAGATCTTT				
	HGHGH				
	TCAAATTAAT				
	GATTGTGTAT				
126551	GTGGAGTCTT	TAGGTTTTC	TACATATGAG	ATTATGTCAT	CTGCAAACAA
126601	GCACAATTTG	ACTTCTTCCT	TITCAATTCG	AATGCCCTTT	ATTTCTTTCT
126651	CTTTCCTAAT	TTTGGCCAAA	ACTTGCAGTA	TTATGTTGAA	TAGAAGTGGT
126701	GAAAGTGGAC	ATCTTTGCTT	TGTTTCAGAT	CTTGGTGTAA	AGGCTTTCCA
126751	TTTTCCCTG	TTCCATATGA	TAGTAGCTAT	GGGCTTGTCA	TATATGCCCT
	TTATCAGATT				
	ATCATGAAGG				
	TGATCCTATG				
126951	ATTGATTCGC	ATATGTTGGT	TCATCCTTGC	ATCCCTGGGA	TGAATCCCAC
	TIGATIGIGG				
127051	GIATTITIG	AACATTITTA	AATCTCTCT	TATCCCCCAT	ATTGATAGTT
	TITITIATIT				
	ATTGAATAAA				
	AATTAGCAGA				
	AGAAGACATC				
	TCAATCTTCT				
	AAGTTGTGTC				
127401	GAGTATAGTT	GTTCATAATA	GTTTCTAATG	ATCCTTTGTA	TTTCTGTAGT
127451	ATCAGITGTA	ATTTTTCTT	TCTCTTCTCT	GATTTTATTT	ATTTAGGTGT
127501	тсппппппппппппппппппппппппппппппппппппп	AGGTAGTCTA	GCCAAAGCTT	TGTTGATTTT	ATGGTTTCAA
127551	AAATCAGCTT	TTCATTTGTT	GATCTTTTAT	TTTTTAGTC	TGAATTTCAT
127601	TTATTTCTGC	TCTTTATTAT	паппсп	GTAGTAATTT	TGGGTTTGGT
	TIGTICTIGC				
	GAAGTCTTCA				
	CTTAGTACTG				
	TCACTGGTTT				
	TGGGCATTCA				
	10000ATTOA	OWNIAIOW.			
	GTTCTTGTTA	CTGATTTCTA	GTTTGTTG	TGGTGGTTGT	GGTCAAAAAA
127951	GATGCTTGAT	CTGATTTCTA ATGATTTTGA	CIGITIIGAA	TIGITGAGA	GGTCAAAAAA
127951 128001	GATGCTTGAT GGTTAATGTA	CTGATTTCTA ATGATTTTGA TGGTCTATCC	GTTTTGTTG CTGTTTTGAA TGGATAATGT	TIGITGAGA GCCATGIGCT	GGTCAAAAA TTTATTTTGT GATAACAAGA
127951 128001 128051	GATGCTTGAT GGTTAATGTA ATGTGTATAT	CTGATTTCTA ATGATTTTGA TGGTCTATCC TCTGCAGCAG	CTGTTTTGAA TGGATAATGT TTAGATGAAA	TIGITGAGA GCCATGIGCT TIGITCOGTAA	GGTCAAAAAA TTTATTTTGT GATAACAAGA ATGTCTGTTA
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127951 128001 128051 128101 128151	GATGCTTGAT GGTTAATGTA ATGTGTATAT GGTCCACTTG CCTGAACTGT	CTGATTTCTA ATGATTTTGA TGGTCTATCC TCTGCAGCAG GTGTATAGTT TTGTTGCTCA	GTTTTGTTG CTGTTTTGAA TGGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGGCA	TIGGIGGTIGT TITIGTTGAGA GCCATGTGCT TIGTTCOGTAA GTTTGTTTGT TTGCGGTCCC	GGTCAAAAAA TITATTTTGT GATAACAAGA ATGTCTGTTA TGATTTTTTG CTGCAATTAT
127951 128001 128051 128101 128151 128201	GATGCTTGAT GGTTAATGTA ATGTGTATAT GGTCCACTTG CCTGAACTGT TTTATTGCAG	CTGATTTCTA ATGATTTTGA TGGTCTATCC TCTGCAGCAG GTGTATAGTT TTGTTGCTCA TCATTGCAGT	GTTTTIGTTG CTGTTTTGAA TGGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGGCA CTGTCTCTCT	TIGGTGGTTGT TITIGTTGAGA GCCATGTGCT TGTTCCGTAA GTTTGTTTGT TTGCGGTCCC CGAGAGCTAT	GGTCAAAAAA TITATTTTGT GATAACAAGA ATGTCTGTTA TGATTTTTTG CTGCAATTAT TAATATTTGC
127951 128001 128051 128101 128151 128201 128251	GATGCTTGAT GGTTAATGTA ATGTGTATAT GGTCCACTTG CCTGAACTGT TTTATTGCAG TTTATATATATT	CTGATTTCTA ATGATTTTGA TGGTCTATCC TCTGCAGCAG GTGTATAGTT TTGTTGCTCA TCATTGCAGT TGGGTGCTCC	GTTTTIGTTG CTGTTTTGAA TGGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGGCA CTGTCTCTCT ACTGTTGGGT	TIGGTIGTTIGT TITIGTTIGAGA GCCATIGTIGCT TIGTTCGTAA GTTTGTTTIGT TIGCGGTCCC CGAGAGCTAT GCATIGTTTT	GGTCAAAAAA TITATTTTGT GATAACAAGA ATGTCTGTTA TGATTTTTTG CTGCAATTAT TAATATTTGC AATTTTGTTA
127951 128001 128051 128101 128151 128201 128251 128301	GATGCTTGAT GGTTAATGTA ATGTGTATAT GGTCCACTTG CCTGAACTGT TTTATTGCAG TTTATATATT TATCTTCTTG	CIGATITICIA ATGATITICA TEGICIATOC TCTECAGCAG GIGTATAGIT TIGTIGCICA TCATIGCAGI TEGGIGCITCC CIGATITIGAC	GTTTTGTTG CTGTTTGAA TCGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGGCA CTGTCTCTCT ACTGTTGGGT TTTTCTAAAT	TIGGTGGTTGT TITTGTGAGA GCCATGTGCT TGTTCCGTAA GTTTGTTTGT TTGCGGTCCC CGAGAGCTAT GCATGTTTT CATTATATAA	GGTCAAAAAA TITATITIGI GATAACAAGA ATGTCTGITA TGATTITITIG CTGCAATTAT TAATATITIGC AATTITIGITA TGACTTTCTT
127951 128001 128051 128101 128151 128201 128251 128301 128351	GATGCTTGAT GGTTAATGTA ATGTGTATAT GGTCCACTTG CCTGAACTGT TITATTGCAG TITATATATATT TATCTTCTTG TGTCTCTTTT	CIGATITICTA ATGATITICA TEGICIATOC TCTECAGCAG GIGTATAGTI TIGTIGCTCA TCATIGCAGT TEGGIGCTCC CIGATITIGAC TACAAGTIGT	GTTTTGTTG CTGTTTGAA TGGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGGCA CTGTCTCT ACTGTTGGGT TTTTCTAAAT GACTTAAAAT	TIGGTGGTTGT TITTGTTGAGA GCCATGTGCT TGTTCCGTAA GTTTGTTTGT TTGCGGTCCC CGAGAGCTAT GCATGTTTT CATTATATAA CTGTTTTATC	GGTCAAAAAA TITATITIGI GATAACAAGA ATGTCTGITA TGATTITITIG CTGCAATTAT TAATATITIGC AATTITIGITA TGACTTTCTT TGATATAAAT
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127951 128001 128051 128101 128151 128201 128351 128301 128351 128401 128551 128601 128651 128701 128751 128801 128851 128901 128951 12901 129151 129101 129151 129201 129351	GATGCTTGAT GGTTAATIGTA ATGIGTATAT GGTCCACTTG CCTGAACTGT TITATTGCAG TITATATATT TATCTICTTG TGTCTCTTC CCATTCCTTC CCATTCCTTC CCATTCCTTC CCATTCCTTC CCATTCCTTC CTTCTAGGCA CTCGCTCTTT GCTCACTGCA TITTTGAGTA TTTTTTGAC TTTTTGACTTTC CTCTGGTAGC ATAGTTTTA ATTATTTCAA ATTATTCAA ATTATTTCAA ATTATTTCAA ATTATTTCAA ATTATTTCAA ATTATTTCAA ATTATTCAA ATTATTTCAA ATTATTCAA ATTATTCAA ATTATTCAA ATTATTCAA ATTATTCAAA ATTATTCAAA ATTATTCAAA ATTATTCAAA ATTATTCAAA ATTATTCAAAA ATTATTCAAA ATTATTCAAA ATTATTCAAAA ATTATTCAAAA ATTATTCAAAAA ATTATTCAAAAA	CIGATTICTA ATGATTITGA TIGATCATCC TCTGCAGCAG GTGTATAGTT TTGTTGCTCA TCATTGCAGT TCGTGCAGCAG GTGTATAGTT TTGTTGCTCA TCATTGCAGT TCGGTGCTTCA TCACAGTTTTT ACTGTTAGTC GCATATAGTT CGCCCTTTCG ACCTCTGCCT ACTAGGATTA GAGATGGGGT CCGTTTTTTAA AGTCTATTTAA CATTTCGATA CTTCTTTCT ATGTTTTAAT CCTTTGTAAT ACTGGTACCA AAATTTGTAC TTACAACTTG ATTTTTAAT CACCATTGAT ACTGGTACCA AAATTTGTAC TTACAACTTG ATTTTTAATT CACCCATTGAT ACGTTAATGT ACGTTAA	GTITTIGTTG CTGTTTTGAA TGGATAATGT TTAGATGAAA TAACTCCAAT AAGTGGGCA CTGTCTCTT ACTGTTGGGT TTTTCTAAAT GACTTAAAAT TTGGTCTCCA TATATGTGCT GTGTCTTTT CCCAGACTGG CCTGGGTTTA CAGGCACCTG TTCACCAAGT CCAGCCTCCC TCCATTCACC CATTCAACT TACCTTGAGT ACTTAACTTT TACCTTGAGT ACTTAACTTT CTGTTCTTTT TACCTTGAGT ACTTAACTTT TATCATATTAT GTTTTGTTATT TATCATATTAT TCTTTTCTTT	TIGGTIGTTIGT THIGHTGAGA GCCATIGTGCT TIGTTIGAGA GCCATIGTGCT TIGTTIGT THIGCGGTCCC CGAGAGCTAT GCATIGTTTTATC THIGCATIGAA GITAGAGGTIG AGTIGAGGTIG AGTIGAGGTIG AAGGGTIGAGGTIT AAAGTIGCTGG TAATATTAA THIGTIGATTAT THIGTIGGTATTAT THIGTIGGTATTAT THIGTIGGTATTAT THIGTIGGTATTAT THIGTIGAGGTIG TAATATTTAG THATTTTAG CTTATAAAAA GGTTGCAAGA CCTCTCCTCC ATTGCCTCTT THICTTTTTAG THICTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	GGTCAAAAAA TITATITIGT GATAACAAGA ATGTCTGITA TGATTITITIG CTGCAATTAT TAATATITIGT ATATATITIGT AGACITICIT TGATATAAAT ATATCATTIT AAGAGAGTIT GAGATGGAGT CACTCTCTG CTGCCTCAGC CAGCTAATTI GGTCTCAAAC CATTACAGGT CTTTTTTAAC AGGCAAGGCC GTAACTCTTC AGTGATTTT TGTATATATT TATTATATTA
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		GCTGGGTACA			
		AATAATTTCA			
129601	ATTCTGCTGC	CAAGTGTATT	GGATCTCCCT	TATATGTTAT	поппспп
		CTTTCAGGAT			
		GGTTGTTTCT			
		AACCTTCATG			
129001	GGAAAGIIII	TIGIATTICI	CACTALOGE	TITCIACCC	HIGICITIC
		TCTTTCATTT			
		CTCCCATAAA			
129951	TTTCTCCTCT	GACTGTGTAT	TTTCAAATAG	TTGGGCTTCA	AGCTCACTGA
130001	псптспс	CTTTTCATCA	GCCTGCTGT	TGATATTCTC	TATTCCATTT
130051	TTCATTTTGC	TCATTGTATT	TTCCAGCTCC	ACAATTTTTG	TTTGATTTTG
		CAGTATCTCT			
		TITICTIGAA			
		GTCTGAAAGG			
		CATGTCCATT			
120201	CATECOTOCC	AAATTECACC	TOTTOTOTO	ATTICACCCA	TAACTATTTA
		AAATTGCAGG			
		CACAGTCTTC			
		TTCTAAGCCA			
130451	CACTTCAGCT	ATCTAAACAC	TAGGAGACTG	TATTAGGGTT	CTCCAGAGGG
130501	ACAGAACTAA	TAGGATTATG	TGTATATGAA	AAGGAGTTTA	TTAAGGAGAA
130551	TTGACTCACA	TGATCACAAG	TGAAAATCCC	ACAGTTGGCC	ATCTATAAGC
		TGAAACCAGT			
		GCTGACAGTG			
130701	ACCCAATCCC	AAACCACTGG	TETACETCE	AGAGTICCAAA	CCCTGAAGAA
		GATATTCAAG			
		GCAAGCCGGC			
		GCAGCAGATT			
		CAGTCCACTG			
		CAACCAGAAA			
		ATATTTACCA			
		CAGGATCTCT			
131101	ACCTGGGGTA	GACCCAAGGC	AGATACTCCG	GCTGCGTGGA	AATGCTGGCC
131151	AGGGATCTGA	GTCCAGAAGA	CTGTCCCAAT	CACCCAGATG	AGTGTGCCTT
131201	TCAGCATATT	TCTGCACAGG	CAGGATGGGC	TGCTAACTGC	AGTGAGAGGG
131251	CCTGGAGTTG	AGACTGGGCT	GCGTTGGGAT	CTGCTGTGTG	AAGGAGACTG
131301	GCCCCGACTT	ATTTGCTCAT	ATCAGCATGC	ATCACTCAGC	TGGTCATTGC
		GACTGTAACA			
		TGTGGGATGG			
		TCTCCCAGCA			
		AGGGGCTGGA			
		TTTGGAAAGC			
		TCTCAGCACA			
		TEGGTETECT			
		GAGGATCAGA			
131701	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CTTCTCTAAC	CAACTATAAC	CTCCCACCTC	ACCTACCCAC
		CTTGTGTAAG			
131801	GCCIGGAGCA	GTGTCACAGT	TOACTICA	GGITCACIAC	IGAGACCAGI
		CTGATGAGCT			
		TTTGGCAGAT			
		AAGCCCCTTG			
		TCAGTGGAGC			
		CCCTCCTGTG			
122101	ATA ATT	TEATTOCCO			
				CAGGTTACCT	
		GTGTCACTCT			
132151	CATCTTGGTG	GTGTCACTCT	ATGAACTACA	TACTTAAGAG	AAATTGCTAC
132151 132201	CATCTTGGTG ACAGAATATA		ATGAACTACA TTTTTTTTT	TACTTAAGAG TATGAATTAA	AAATTGCTAC GTCATTATCG
132151 132201 132251	CATCTTGGTG ACAGAATATA TGAACATCAA	GTGTCACTCT TTGAGCATCC AAATAGTAAT	ATGAACTACA TTTTTTTTT GTTACTTTGG	TACTTAAGAG TATGAATTAA GAGGCCGAGG	AAATTGCTAC GTCATTATCG CAGGCAGATG
132151 132201 132251 132301	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC
132151 132201 132251 132301 132351	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG	AAATTGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG
132151 132201 132251 132301 132351 132401	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA	AAATTGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG
132151 132201 132251 132301 132351 132401 132451	CATCTTIGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA	AAATTGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA
132151 132201 132251 132301 132351 132401 132451 132501	CATCTTIGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTIGCAAGA	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAA	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT	AAATTGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAATT
132151 132201 132251 132301 132351 132401 132451 132501 132551	CATCTTIGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTIGCAAGA TGAATTATTC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC	ATGAACTACA TTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAT TCTCATCTTC	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT	AAATTGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAATT ATCCACAACA
132151 132201 132251 132301 132351 132401 132451 132501 132551 132601	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTC CATTAATTTT	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCCA AGTGAGCCCA TACACCCCAC ATATTTTTAA	ATGAACTACA TTTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAA	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GGCTATCTTC	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAAATT ATCCACAACA TCATTTCCNN
132151 132201 132251 132301 132351 132401 132451 132501 132551 132601 132651	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTT NUNNNNNNNN	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NNNNNNNTT	ATGAACTACA TTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GCCTTAAACT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTIGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAAATT ATCCACAACA TCATTTCONN TGTTCCTCAT
132151 132201 132251 132301 132351 132401 132451 132551 132601 132651 132601	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTT NNNNNNNN TATTTTTCCC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NNNNNNNTT CTTTACTATT	ATGAACTACA TTTTTTTT GTTACTTTGG CCATCCTTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT CTAAGCATTT	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GCCTTAAACT TATAACTGTT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTIC GCACCTIGTAG ACCCAGGAGG GCCTGGGTGA AAGTICAAATT ATCCACAACA TCATTTCCNN TGTTCCTCAT CTCTCGACTT
132151 132201 132251 132301 132351 132401 132451 132501 132651 132601 132651 132701 132751	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTT NNNNNNNNN TATTTTTCCC CTGGACTCTT	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTAA NNNNNNNTT CTTTACTATT AATATTCCTC	ATGAACTACA TTTTTTTT GTTACTTTGG CCATCCTTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT CTAAGCATTT CTAAACATCG	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GGCTATCTTC GCCTTAAACT TATAACTGTT TITTATACTGT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTIGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAAATT ATCCACAACA TCATTTCCNN TGTTCCTCAT CTCTCGACTT GGCCAGAATC
132151 132201 132251 132301 132351 132401 132451 132501 132551 132601 132651 132701 132751 132801	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATT CATTAAATTT ANNINNINN TATTTTTCCC CTGGACTCTT ATCTTTCATT	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NNNNNNNTT CTTTACTATT AATATTCCTC AATACCTCTG	ATGAACTACA TTTTTTTT GTTACTTTGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAT TCTCATCTTC TTGTTTTGT GCACTCCTTT CTAAGCATTT CTAAACATCG TTATCACTTA	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GGCTATCTTC GCCTTAAACT TATAACTGTT TTTATACTGT ACTTTCATAA	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAAATT ATCCACAACA TCATTTCCNN TGTTCCTCAT GGCCAGAATC AACCCTTCCT
132151 132201 132251 132301 132351 132401 132451 132501 132551 132601 132651 132701 132751 132801 132851	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTT NNNNNNNN TATTTTTCCC CTGGACTCTT ATCTTTCATT ATTGCTTACA	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NNNNNNNNTT CTTTACTATT AATATTCCTC AATACCTCTG CGATAAAATC	ATGAACTACA TTTTTTTT GTTACTTIGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT CTAAGCATTT CTAAACATCG TTATCACTTA TGAACCCCTG	TACITIAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GCCTTAAACT TATAACTGTT TATAACTGTT ACTTTCATAA CCTCCCACTT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAATT ATCCACAACA TCATTTCCTN TGTTCCTCACT GGCCAGAATC AACCCTTCCT TAAGTAGCTT
132151 132201 132251 132301 132351 132401 132451 132501 132651 132651 132701 132751 132801 132851 132901	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTC CATTAATTTT NINNNNNNN TATTTTTCCC TGGACTCTT ATCTTTCATT ATTGCTTACA TATTGATTGC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NINNINNINTT CTTTACTATT AATATTCCTC AATACCTCTG CGATAAAATC CACAATCTCC	ATGAACTACA TTTTTTTT GTTACTTIGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT CTAAACATCG TTATCACTTA TGAACCCCTG CTGCACCCTA	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GCCTAAACT TATAACTGT TATAACTGT ACTTTCATAA CCTCCCACTT TGATTCACGT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAATT ATCCACAACA TCATTTCCAN TGTTCCTCAT CTCTCGACTT GGCCAGAATC AACCCTTCCT TAAGTAGCTT GTAGTAAATT
132151 132201 132251 132301 132351 132401 132451 132501 132651 132651 132701 132751 132801 132851 132901	CATCTTGGTG ACAGAATATA TGAACATCAA ACGAGGTCAG TCTACTAAAA TCCCAGCTAC CGGAGCTTGC CAGTGCAAGA TGAATTATTC CATTAATTTT NINNNNNNN TATTTTTCCC TGGACTCTT ATCTTTCATT ATTGCTTACA TATTGATTGC	GTGTCACTCT TTGAGCATCC AAATAGTAAT GAGATTGAGA GTACAAAAAA TTGGAAGGCT AGTGAGCCGA CTTCATCTCA TACACCCCAC ATATTTTTAA NNNNNNNNTT CTTTACTATT AATATTCCTC AATACCTCTG CGATAAAATC	ATGAACTACA TTTTTTTT GTTACTTIGG CCATCCTGGC TTAGCCGGGT GAGGCAGGAG GATAGCGCCA AAAAAAAAAT TCTCATCTTC TTGTTTTTGT GCACTCCTTT CTAAACATCG TTATCACTTA TGAACCCCTG CTGCACCCTA	TACTTAAGAG TATGAATTAA GAGGCCGAGG TAACACAGTG GTGGTGGCGG AATGGTGTGA CTGCACTCCA TAGTAATGTT ACATTTTGCT GCCTAAACT TATAACTGT TATAACTGT ACTTTCATAA CCTCCCACTT TGATTCACGT	AAATTIGCTAC GTCATTATCG CAGGCAGATG AAACCCTGTC GCACCTGTAG ACCCAGGAGG GCCTGGGTGA AAGTCAAATT ATCCACAACA TCATTTCCAN TGTTCCTCAT CTCTCGACTT GGCCAGAATC AACCCTTCCT TAAGTAGCTT GTAGTAAATT

133001	ATGAACTCAG	CGTAAAGACC	TTAAGAGCTC	TTCTACAACA	AAGTTCATAT
133051	AGTAACATCT	ATTTTGGCTC	ATCAGAGACC	TTTTGATTT	CTTCCTGGGT
133101	CTTGATGTAT	TTCATATTTT	TGAGGATGTG	ΔΔΑΤΔΔΑΤΓΔ	ACTGAGGACT
122151	AACCTGAAAT	CITACTITICT	CTAGGAACAT	TTCTTCACTC	TAACGAGTIT
122201	CTTCTGTATG	TTTTCATCCT	ACCTCTCCAT	TOTTOTO	TACTACTICT
	CATACAGTAT				
133301	ATACCGCCCA	TACCAGTTTG	GGATTAGTTA	ACATTCTGCT	AGGGTTTGCC
133351	THIGIGITIC	AGTCAGTCAG	ATTTTTAAAA	ATTAATATAA	ATTGTTTAGG
133401	AAATACTTAA	GTCAGTGTCT	TGTTACATCC	TCGGAATTGG	CTGGACCCGT
133451	GATCTGCATG	GAATAGAATA	TGAATCTTGT	TCAAAGTAAG	द्ध वादादादा
133501	ATGIGITIGI	GCATGCATGC	ATGCTCGTGC	GCACACACAG	AGAGAGGGAG
133551	AGAGAGACAC	ACACACATGT	COLORO	TOGGGATIGTA	TEAGGAACTG
122601	TGTCAGAATA	CCCACATICCT	CCCACAAACA	TCCCCACAAC	TCACCTCATC
T3302T	TATCATTATG	GGACAATTIA	ATTCATAACT	ICI IGIGGIG	ACIGITIAIC
133/0T	TTAAGAGAGT	AGAIAIGIAI	GIGGIAAAAA	AGAAAGICIG	CIGIGITICI
133751	TACAATATTT	GATATTCTAG	GTACTTGAGA	AATAAGAAAT	ATTAAAGITC
133801	AGAAATATTA	ATGTCAAAAA	ATGTGCATCT	TCAGATCTGG	TAAGTAGACC
133851	TGCTTAGAGC	TAGCCAGTGG	TTAGGCCTGA	GAAATGGCTG	TTCCATCTTC
133901	TGTGCCTAGC	ACCACATCTG	ATATAGTGTA	AAAATGTGGA	TAGAGTTATA
133951	GACAGATGAT	GAATAAGTTG	TTAAAATATT	ATGATTAGTC	ACAGCCTTTC
134001	CTTIGIATIG	ATGRETGETT	TTTGGAATGT	AGAATGGCTT	ΤΔΑζΤΙΤΙΔΑ
	GGCACAAATA				
134101	AGATTTIGIT	TATTETET	TITCICITATA	TTTTTTAC	TTCATTCCAA
134101	AGAITTIGIT	TATTTCCC	TATALACACA	CTCAACACT	TICATIOGM
134151	GAAATATACA	IGATIGCALI	TATANAGACA	CIGAACAGII	GITTICITI
	CATGCAGGGG				
	CAGTTAGAGA				
134301	ATCACACTTC	TGICCIGIGC	AGCTTCCCTT	TIGITTIAGG	TAACAGACTT
134351	TGGCATTTCC	GAAGTCAGAT	CTTAGTGGTA	ппппс	TTCAGGTAAA
134401	TATTATTTTA	TTATTTAAAA	ATGCAGTTTT	GATCATCTGC	AATACTTCAG
	ппыпп				
134501	CTGATAATAA	TAGCCAGCAT	TTCTGTTAAA	ATAGTTAATG	CTGTTACTAA
134551	TAGTTAATAA	TACCTATCAT	TTATTGAGCT	CTTACTGTTT	CAGGCATTGT
134601	GCCAAATGCT	TIGIGICIT	TTTAAAATTC	AATTATTAAA	ATAACTITCT
134651	GAGGTAGGTG	TTTATTATCT	CCATTTTATA	GATGTAGAAA	TCGAGGCTTA
134701	CAGAAGTGAA	GTTAACTGCT	GAAAGTCACA	CAGTTACTAG	TAGTGCAGCT
	GGGATTTTAA				
	ACCTATGTGA				
	GGGATACTTT				
	ATACAAAGTG				
	ATATAGTTTT				
	TTTAGCTAAT				
	GIGGCGCCTT				
	AAGGGGCAGG				
	ATGTTACATA				
	TTTTATCTAT				
T2252T	TTTCCTCTT	ATACCCATTA	AATIATTICA	IGIAATIACI	GIAIAGIACI
13230T	TTTATCTATA	TIGGATAAAA	ACCACIGATA	CCIGICIGG	CATTIGAGIT
135351	AATTTTTATA	GTTTATATCA	ACACATACTT	CHAGIATIG	TCTATCAAAA
					ACTGGATTAA
135451	TCATAATTAC	TTCTTGTAGT	AGAACAAAAT	TATAMATAC	GTTACACAGA
135501	TTTAAAAATT	CTCTGGAATA	AATGTTTCCT	AAAGTAAAAT	TAAATAGAAT
135551	ATAAATTAGT	ATTAATAGTT	TTGCTCCAAA	ATCTCAGGCA	GTAAAGAGGA
135601	TTATCTATGA	TGTCATTTCA	AACAAATATA	TACACACACA	CACACACACA
	TCAGAACTGT				
135701	CTTTAATATG	TTCTACAAGT	GGTTCATGTT	GGGTAATGTA	AATTCATGTA
135751	CTTTGTGCAT	AGCITCTIGA	TGTGTATATT	GATTATAAAA	тттисте
135801	TGGTAATTAC	AGTGAAGGGT	GAAGACAACT	TACAGGTGTC	AGTAGTAAGT
	GTGATATGAA				
135901	GTGATGAGAG	TATAAATTGT	CATTAGGAAC	CTATCATTAG	GAGGTAGACT
135951	GCTATATTAG	TCCATTTICG	TICTICTICAT	AAAGACATAC	TCGAGACTGG
136001	GTAATTTATA	AAGAAAAAGA	GGTTTAATGG	ACTCACAGIT	CCACGTGGCT
	AGGAGACCTC				
136101	ACAGGCAAGA	GAGAATTAGA	GCCAAGTGAA	AGGGGAAACC	CCTTATAAAA
136151	CCGTCAGATC	CCC TITLE	COGTEGETICA	CCCTCTAAT	CCCAGCACTT
136201	TGGCAGGCCG	AGGTGGGGG	ATCATTIGAG	GTCACCAGTT	TIGAGACTAGC
136751	CTGGCCCACA	TOCTCAAACC	CHOCKETAC	ΤΔΔΔΔΔΤΑΤΑ	CAAATTACCT
136301	GGGGGTGGTG	'COLOMACO	CTAATTICAG	CTACTTECCA	CCCTCACCCA
136361	GGAGAATTGC	TTCACCCCAC	CACCTICCACC	TICCOCTICAC	CLCVCVCLCC
1364U1	TOCATOCAC	TOTALCO	GCAACAAGAG	CCAAACTCCA	TCTCAAAAAA
136464	CAAAACAAA	CAAAAAATCA	CATCTICA	CACTICATICA	CTACCATGAA
	~~~~~~		21CIMICA	ACIONITION	CIACONIONA

136501	AACAGTATGG	<b>GGGAAACCAC</b>	CCCCATATTC	<b>AGTTAATCTC</b>	CCACTGGGTC
136551	CCTCCCACAA	CATGTGGGAA	TTATGGGGC	TACAATTCAA	GATGAGATTT
136601	GGGTGGAGAC	ACAGCCAAAC	CATATCATTC	CCCCCTGGC	CCCTCCAAAT
			<b>AATCATTCAT</b>		
			ATTAACTCAA		
			CCTTCCACCT		
			<b>GTACTATGGG</b>		
			AAATTGGTCA		
			GCAGGGCAGT		
			TTTATTTAT		
			TACATGTGCA		
			TEGTGTECTE		
			AAGCCATCCC		
			TGTTCCCCTT		
			AGTGAGAATA		
			AATGATGATT		
			CATTITITAT		
			CTATTGTGAA		
			CAGCATGATT		
			GTCAAATGGT		
			TCCACAATGG		
			CCTATTTCTC		
			GATCGCCATT		
			GCATTTCTCT		
			<b>GCTGCATAAA</b>		
			CTTTTTGATG		
137851	TGTAAAGATA	<b>GTCAAATCTT</b>	<b>AAAGCTTCAA</b>	<b>AATGATCTCC</b>	TTTGATCCAT
			<b>TGATGCAAGA</b>		
			TTGGCAGGGT		
			ATCTGCAGCA		
			TACCATTTTA		
			GGTGGTGCCC		
			CTTCCACTCT		
			ACACCTCTGC CGGAAGTTCC		
			CTCCATGTGG		
			GCCCAAGCTG		
			GCAGGGCACC		
			<b>GGACCTGGCC</b>		
138501	CTAGGTTTGC	<b>AGGCCTGTGA</b>	TGGGAGGGC	TGCAGGGAAG	GTCTCTGATC
138551	TTCCCTGGAG	ACATTTTCCC	CATTGTCTTG	<b>GCATTAGCAT</b>	TIGGTICCTT
			CAGCTGGCTT		
			TCTTCAGGCT		
138701	GCCTTGTCAC	ATCTTGACTG	CTTTGCTGCT	TAGAAATTTC	TTCCACCAGA
			ATGTTCAAAG		
			TCTTTGTATA		
			TTTTCATCTG CAGCATTTTG		
			TCCCACATCT		
			ACTITICCCAC		
			CTTCACCTGT		
			TACAGCAGCA		
			TTATACTACT		
139201	<b>GGATAATTTA</b>	TAAAGAAAAA	GAGGTTTAAT	GAACTCATTA	GTTCCACATC
			TGGAGGAAGG		
			AGAGAGCTTG		
139351	TAAAATCATT	AGATCTTGTG	ATGCTTATTC	ACTACCACAA	TAACAGTGTG
			TOGATTACCT		
			TCAAGGTGAG		
130EE4	AVACCATACC	AGCIGOCCIG	CTTTCCACCC	ACTICACATT	IGGIAFICCA
			TECCACAGAG		
			TGGCACAGAG AGCCAGAGAA		
139701	CTTCCACACT	TATCTCACAT	CAGAGACATC	TGGTTTTCA	CCCTAAAAAG
			CTGTTAAATA		
			AAAATGTCTC		
			AGTAATATCT		
139901	TCAGTAGGAA	TTACCAGATA	CATAAGAGAT	GCTAATGATT	TGCAGCTTCT
139951	AGATGTTATT	TCCTCTGGTA	GTCTTCATCA	AATTGAACTT	TTCAGAGAAC

		AGTGTATACC			
		GAGGCAGTTT			
		TGTAAACATC			
		CTACACTATA			
		CAGTACTTTG			
		TGAAATAAAG			
		CAGTATTTCT			
		TATCAATTAT ATGGTATAGC			
		CCAGGTAGCC			
		ACATACAAAA			
		CTTCATATAT			
		CTGTAGAAAT			
		CATAATTTAT			
		TTCAAGGAAA			
		CTCTATTTGC			
		CTCATAAAGT			
		TATGATGGAT			
		CIGITACITG			
		TTGGCTATTT			
141051	CTACTGATAG	<b>ATATACCAGA</b>	<b>AGTATAAAAT</b>	TCCCAAGATA	CTAAACTAAT
141101	TTTATGCATT	<b>GTTAAACTAC</b>	<b>TCATGGAATA</b>	<b>GGAAAACAGA</b>	GAAAAATTTC
141151	ATAAATTAGG	<b>AGGCATTTCT</b>	<b>ATGTAATATT</b>	<b>AGGCTGTAAA</b>	CAGTCACTGA
		CCAAAGCTAT			
		TTAGTCCCAA			
		AGTGGCTCAC			
		TCACGAGGTC			
		TCTCTACTAA			
		AGTCCCAGTT			
		GGCGGAGCTT			
		GACAGAGCGA			
		AGAATTTAGT			
		GATATTTGCT			
141701	COTTCAACCA	ACTACTTAAA GAGGATTGCA	CCCACCACAT	AGAIAWALA	CCATACATAT
		TGTTAGTCAT			
		TATGAAAGTA			
		TAATAGATTC			
		CITCIGIGIG			
		<b>ATATTTTATA</b>			
		TTTACTACAT			
		TTGGAAAATG			
		AGTTGAATTA			
		CITICITACAT			
		CACAGAAAGG			
		GTTGACTCTA			
		AGTCAACCTT			
		AGGGTTGGCC			
		TAGATTTCCC			
		AGATCCTGAA			
142601	GTAGTGCCAA	ACTICAAGTA	GGACTAGAAC	AGATTTGGAA	CTAGGAACAT
		CTTAGGGTCA			
		<b>AATGTGACTC</b>			
1/17751	CTCCTAATCG	TTCTCTTTAC	CTCCTATTCT		TCACACCTCA
エヤムノンエ		HUIGIGITIAG	GIGCIALICI	CAICHLETT	TCACAGGIGA
142801	GAAAACGGGG	CTGTAGACAC	CTAAGTACCT	ACTCAAGGGC	ATGCATCACT
142801 142851	GAAAACGGGG AATAACAGAG	CTGTAGACAC	CTAAGTACCT AATTTAGATA	ACTCAAGGGC TATTGACTAT	ATGCATCACT AGAGCAGATA
142801 142851 142901	GAAAACGGGG AATAACAGAG CCCTGAGCCA	CTGTAGACAC CTTGTATTTG CTTTTTTGTT	CTAAGTACCT AATTTAGATA CAACTACGGT	ACTCAAGGGC TATTGACTAT ACCACATAGC	ATGCATCACT AGAGCAGATA CCAGGATTCC
142801 142851 142901 142951	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN
142801 142851 142901 142951 143001	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT	CTIGTAGACAC CTTIGTATTIG CTTTTTTGTT AGTTAACTAA TGGGGATAAA	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNN GACAGGTTCC
142801 142851 142901 142951 143001 143051	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNN GACAGGTTCC AGTTAATAAT
142801 142851 142901 142951 143001 143051 143101	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC	ACTICAAGGGC TATTIGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA
142801 142851 142901 142951 143001 143051 143101 143151	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC CTAGAAAAGT	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG TCAATGTTTC	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAGAGT
142801 142851 142901 142951 143001 143051 143101 143151 143201	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT AATTTTTGCA	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA AGATATTCTT	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC CTAGAAAAGT AAAATAATAA	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG TCAATGTTTC TGATTTCCAT	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAGAGT ATAGGTTGAA
142801 142851 142901 142951 143001 143051 143101 143151 143201 143251	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT AATTTTTGCA ATATAGTAAT	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA AGATATTCTT TGAGATTGAA	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC CTAGAAAAGT AAAATAATAA ATGAATCTAC	ACTICAAGGGC TATTIGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG TCAATGTTTC TGATTTCCAT CTCGACAGAG	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAGAGT ATAGGTTGAA TTTATACACT
142801 142851 142901 142951 143001 143051 143101 143151 143201 143251 143301	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT AATTTTTGCA ATATAGTAAT AGTGAAAGAA	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA AGATATTCTT TGAGATTGAA AACTGATTAA	CTAAGTACCT AATTTAGATA CAACTACGGT CCTTCAAGCT ACAGTGAACA TITCTTCATC AAGTAAATAC CTAGAAAAGT AAAATAATAA ATGAATCTAC ATAAAACATT	ACTCAAGGGC TATTGACTAT ACCACATAGC TGTTTNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGGG TCAATGTTTC TGATTTCCAT CTCGACAGAG TGGGAATTAG	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAGAGT ATAGGTTGAA TTTATACACT AAAAAATATT
142801 142851 142901 142951 143001 143051 143101 143201 143251 143301 143351	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT AATTTTTGCA ATATAGTAAT AGTGAAAGAA CTACAGTTGA	CTGTAGACAC CTTGTATTTG CTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA AGATATTCTT TGAGATTGAA AACTGATTAA CACACAGTGT	CTAAGTACCT AATTTAGATA CAACTAGGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC CTAGAAAAGT AAAATAATAA ATGAATCTAC ATAAAACATT GGCATTTTGT	ACTICAAGGGC TATTIGACTAT ACCACATAGC TGTTTNNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG TCAATGTTTC TGATTTCCAT CTCGACAGAG TGGGAATTAG CACTCTAAGA	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAAGAGT ATAGGTTGAA TTTATACACT AAAAAATATT TGCCATCAGT
142801 142851 142901 142951 143001 143051 143151 143201 143251 143301 143351 143401	GAAAACGGGG AATAACAGAG CCCTGAGCCA AGGTGTAGGT NNNNNTGCGT TTAACCTCTC AGTAAATTCT TACCTGGTAT AATTTTTGCA ATATTAGTAAT AGTGAAAGAA CTACAGTTGA TATAAGATAC	CTGTAGACAC CTTGTATTTG CTTTTTTGTT AGTTAACTAA TGGGGATAAA TAAGCCTTAG AGGTTTTTGG TTAATAACTA AGATATTCTT TGAGATTGAA AACTGATTAA	CTAAGTACCT AATTTAGATA CAACTAGGGT CCTTCAAGCT ACAGTGAACA TTTCTTCATC AAGTAAATAC CTAGAAAAGT AAAATAATAA ATGAATCTAC ATAAAACATT GGCATTTTGT TATGTAACTT	ACTICAAGGGC TATTIGACTAT ACCACATAGC TGTTTNNNNN GTAACCTAGG TGTAAAGTGG ATTTATAGCG TCAATGTTTC TGATTTCCAT TCTCGACAGAG TGGGAATTAG CACTCTAAGA ACTGAAGAAA	ATGCATCACT AGAGCAGATA CCAGGATTCC NNNNNNNN GACAGGTTCC AGTTAATAAT CTTAACATAA TTCTTAGAGT ATAGGTTGAA ATTATACACT AAAAAATATT TGCCATCAGT TATGCTGAGA

143501	TTTAAAATAT	GAAAAAAAAT	TATCCTAGAT	ATAGGAGAAA	ATTIGITGE
142551	TTACCACATA	CCCAAATGAT	TTATTCTCTT	TIGTAACACT	AAAGCTTTAT
143331	ITAGGAGATA	0004441041	TATICIOT	TIGIARCACI	40000111V
143601	ATAATGTATT	GGGTATIGE	THAIGACTA	GAACATAAAA	ACAIGAICAA
143651	ΔΤΑΤΑΤΤΤΑΑ	AAAAATGAAA	AAGGTGAAGT	GCTCAGTTAA	AAGCTGACTG
142701	CTATICTIC	TOTOCCACTA	CACAATCTAT	ATTAATAACT	CCTTCTCTA
143/01	GIAICITCIG	TOTOGGACIA	GOWICIAI	ALIMAIMACI	TA A CA CTOCK
143751	TAGCTGTTTC	TGCALLIAIA	GICCAGAATT	<b>GGTTTCCACT</b>	I AAGAGI GGI
143801	TAGGGAAAAA	AATAAAAAAG	TTCTAAGCTA	<b>GCTTTCATTG</b>	AAAATGAAGA
142051	TCTCACCCTT	ACCCCCATTC	TCAAAACACC	TCTGCGTTTT	ΑΛΑΛΤΛΑΤΔΑ
143901	TCAGGAAAATG	AGGTACCCTC	TTTTAAGCAG	CAGCAGCATA	TÇCAGATTIG
143051	ACCTAAATTC	ΔΑΤΔΟΑΤΤΟΔ	TGATGITATG	TACTGTAAAG	GAAATTTTTG
144001	TACCCATCAT	THETETAAAT	CACACCCCC	AACAACCCTT	ATAAATITT
144001	IAGGCAICAI	TICICIAMI	GALACITTIC	AAGAAGGGTT	AIAWAITITI
144051	TAATGTGATT	TTTATGGTGG	TTTATAAAAT	TTCATAAAAT	CATAGAACTT
144101	ΤΑΤΑΛΑΤΙζ	AAAGTTCTTA	GAAGTCATCT	<b>AGTACAACCT</b>	TITATITIC
144101	454454464	TYTAATTYTT	THOMOGEN	GACAAGACTA	CAACTCATCT
144151	AUAAGAAACA	IGIAATICTI	TIGIGGUIA	GACAGACTA	GARCICATO
144201	CTTCTGATTT	AATGCTCTTT	GAACTATACT	<b>ACTGCTGTTT</b>	CATAIALIAI
144251	CAGGATTTAG	GATAGAAAAA	GTACATTTAT	TTCAGGGTAA	AAATTCTCAT
144201	CTATICTAAAT	ATTTATCAAC	AATTTTTA	TGTTTTAAGA	AACTICTACTA
144301	GIAICIAAI	ATTIAIGANG	AALLIILIA	IGITIAAGA	ACICIAGIA
144351	GTCACAACTT	AGATATTTT	AGCCACTATT	<b>ATTITITATGT</b>	CCATTTIGAA
144401	AGTTACTAAA	ATCAATGGCA	TTTTCIGGT	AAACAGTTTT	TTCCAATTTA
144451	TACTTAATIC	CCTCACATAT	AACATAATTT	CATATTGGTA	AATTITAAAT
T4442T	IACTIAATIG	CICACATAT	AACAIAAIII	CAIAIIGGIA	A411117441
144501	AGTAAACAGT	AAACAAATGC	TGAGGAAAAC	AAAGCAAGAG	ACCAMATICA
144551	ΔΑΔΤΩΤΩΤΔΑ	CAGATTTTCT	CTTATAATAG	TTTTATGTGG	TATGAGAGTT
144501	CTATCACTAT	TITTATITE	CITTLE TOTA	TAAGTTGTAA	CTAAGTACTA
T4400T	CIAIGAGIII	THAITIG	GITTOICIA	1/4/01 101/44	CACATECCE
144651	TAGCATAATT	TTTCAAAGGC	AIGAGATGAG	TTTCCTTAGA	GARAIGGCCI
144701	GTTGCAGCAT	TTTACTAGGA	<b>ACTGGGAATT</b>	CTTTGTTATG	TGTAGGACAC
144751	ATACATTICT	TECTETACCT	ATCTCACCTT	TAAAATCAAA	GTTTGCTTAC
144/ 11	AIAGAITICI	TOCIGIAGE	ATCIONOCII	CTAATCCTT	AACTICACACC
144801	ATTITIACGIG	TACCATGAAA	AIIAICAIAA	GTAATGCTTT	AACICAGAGC
144851	AGTATATGTT	GGCTAGCCTT	CTTTTTGGG	GTTTCTTACA	AGCCAATTTT
144001	CACTICTICCCT	CTCTCACATT	TTAAGAAAAT	GAGGCTGGGC	ACGGTGACTC
144051	GACTOTOGG	D00000011	TTCCCACCCT	CACCOCCCCC	CATCACCACC
T4492T	ACACCIGIAA	ICCCAGCACI	HUGGGAGGCH	GAGGGGGGG	GATCACGAGG
145001	TCAGGAGATC	CAGACCATCC	TGGCCAGCAT	GGTGAAACCC	CATCTCTACT
145051	ΛΛΛΑΤΛΟΛΛΑ	AAATTAGCTT	CCCATCCTCC	CGCACACCTG	TAGTCCCAGC
145101	A441170447	CCTCACCCAC	CCCAATCCCT	TCAACCCCCC	ACCTCTACCT
145101	IACTOGAGAG	GCIGAGGCAG	GGGAATCGCT	TGAACCCGGG	AGGIGIAGGI
				CCAGCCTGGG	
145201	AGACTICCATC	CCCCCAAAA	ΔΔΔΑΓΑΔΑΓΑ	GAGAAAAGAA	AATGAACAAA
145251	TOTACATICC	TACCATITCC	CACTICITAT	GATATTTAAA	ATCTATACTA
143231	THACAIGC	IACLATTICG	GACTIGITAT	GAIAIIIAAA	AIGIAIACIA
145301	GGAAAAAAATA	TTTAAAATT	AAAAATGAGT	ATATAAGATG	CIGGIAIAIA
145351	ATTTGGGTAG	<b>GGCATTTTAT</b>	TTTATTGGAG	GAGTTAGGAA	ATTCATGTAT
145401	TCTCTCAAAA	TITTIAGTAC	ΤΙΓΙΓΑΛΑΛΑΤΑΓΙ	<b>AATCAGTATA</b>	<b>ATAATTACCA</b>
145451	TAATOCCACT	CAACTITUTE	AAACATACCC	GTAAGCACAT	TTTTTC
142421	IMAIGGGAGI	GWGITICH	AVAGATAGGG	GIANGCACAT	111111111111111111111111111111111111111
				TTACTGCTAT	
145551	TGCTATAGTA	CAAAAGCAGC	ATGGAAAATA	TATAATCAAA	TGCGAAAACA
1/5601	ATTIGET	CAGATTTCCT	CTGTGCCTAT	<b>AGTTTGCCTA</b>	CCCCAGTTTT
145001	ALCATACOCT	AATATOCCTT	TEATER	TOGTATATGT	CTTTTCAATA
142021	AAGATACCGT	MIAICCII	IGAICIGIGG	ICGIAIAIGI	CITIONIA
145701	GCAATAATTT	GGAAAGGGGG	CITGACTTTT	GAAAGGAAAA	GAAAGIIAAI
145751	GCTTTGGGAA	TGTCTGGCTT	ATATATTAGC	TGTACATTTT	CCCCTATTGT
145801	CTTCCCTATG	TCTAGCAGAT	ΔΔΤΔΔΔΩΤΟΤ	TATGAAATCA	TTTCATTATG
142021	HAGIGAHA	AGCATTIGIA	TITAVACITI	TTCATAGAGT	1011111041
145901	TICCTAGGAT	GTCAGTTTTA	IGGITTIGI	HICCIACIGA	AGCTTTGAAA
145951	GTCAGCCAAG	AATATTTCTC	AGTTCATAAA	ACATTTTCAC	TATGCTTTTC
146001	TCCAGCTAGC	TTTCAATGAT	CTGTGGAAAT	AAAGAGCAAA	GGCCGTATGG
146051	CTAATACCAA	TOCALACAAT	TATTCTCACC	TAATCTTCAG	CATTAATTAC
140031	GIAAIAGGAA	IGCAMIGMAI	IATIGICACC	. IMICITORS	CATIMATIA
146101	AGCCACTGTT	TCATCCTACA	ACAAAGAGCA	AATTGGAAAA	GTTGAGTT
146151	CACTGCCTTT	TATTTAGAAG	TACCTGATTG	GAGGTGTCAA	TAAAACATTT
1/6201	CTAAATATCA	ATATTTATT	AAGAGTAATC	AAATAGCTCC	ACATAGATGC
146261	CIMMINION	CICCITICIT	TCACAATTT	ATTAAAATTC	AAAACACTTA
140251	IACAIAAIAA	CAGCATAGAA	ICACAATTT	ALIAWALIC	AAAAGACTTA
146301	TGTATATATT	ACCTAAATTT	GCTCCCTCAT	TCATACCTGC	CAACAAGAAT
146351	GAAATCTTCA	AGGAAGTGAA	AATGTCTTCA	TTCTCTTACC	TCAGATGTCC
146401	ACCACACTOC	CTAGCAAAGA	TICCACACACA	TAGTITITIE	AATAAGGGAA
14645		CACACACTIC	ACATTATCAT	· ····································	CTTATICACA
146451	. IAGAAACTCA	GAGAAACTAG	AGAI IAIGAI	CACICACIG	GTTATTCAGA
146501	GTTCGACTTA	GTGCCACGTG	TGAACAAATT	TTCTTTAAA	ATTTGAGACT
146551	Τιταλλάτττ	AAACTGAGAC	ΤΟΤΤΑΓΑΤΑΛ	TITTATCTCC	TGCATTAATG
1/5501		CATCATCATC	TTCATCCEA	ACAATCATTC	GTAAGCTTTG
T4000T	LITATAGAAG	MIMICALC	HOUSE	MICHIG	OINTOCITIO
146651	. <b>G</b> AATAATITA	CCTCTCAAAG	AACTCCAAAA	AGAATTACTG	AAGTGCTAAG
146701	CCGTGCTAAA	AACATTTAAT	GGTTTTGAA	CACAATAAAT	TTAAAAGTGG
146751	CITICACTCA	CAAAACTTTC	TCACTITICA	AAGTATACAG	AAATGATAGA
T40/ 3T	. GITCHLICA		70000	TAATTAAACC	
140801	. IALICHTT	AAIAIAGCTG	TIAGGAGGG	IAAIIAAAGG	CCAACAAAGG
146851	. Atagcagcag	TGATGAGCAT	TATCCATTTT	AGGCCAGTGA	GAACACATTT
146901	TGAAAAAGAC	TGCTGCCATC	CATGATATAT	TAATTAATTT	GTAGAAAGGT
1/5051	************	CTCTCTC^^	AAAAGGCCAT	TCACTICACAC	TTATTTTATT
T4022T	. CICAIGIIA	CICICIOAC	, ATTOMA	·	HALLIAL

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		TTAACAGTCT			
147051	AGGTTCCAAA	TOCTGIGITT	CTACAACCAT	ACTTAGAGCA	TATAAATGAT
147101	GATCCTGTAT	TATCAAGGAC	AMATIGOTIGITA	TAGAATCCIG	TGGCACCCIC
		AAAGCTGAGT			
14/201	GTAGAAAAAA	ACAGATGAAG	AGAACIIIIG	GIAIAGATIC	AAGAAACCAA
		ATTITCTTTT			
		CACAGAATCT			
14/301	1111AGAAGG	ATTTACTTAA TATTCTTATC	ATTIATTI	ACCTATCTAA	AATAAATAAC
14/401	AGIAIAAACA	ATTTGAGAAG	CTAACCAATT	ACTACATTIC	AACAACTAAA
147501	ACACTTAACA	CTGTTAAGAC	TAAAACCTAA	ACTACATTIG	TTACCAATGE
		TCCTAGTAAT			
		CIGITCIGG			
147651	CACCACITET	GATCTTAGTA	TICCTICAT	COLLITICATE	GCAAAATTTA
		ATACTTTGAA			
		TCTGGATGCA			
		ACCAGACATC			
147851	GTATCACACA	CCCGTTAGTT	TAATTTATAA	CTTTAAAAGA	TTTAAAAGGT
147901	ATCTTCATTA	TGCCAATTAT	<b>AGTGCTGACA</b>	CTTACAATGA	CTAAAAATTA
		AATTTTTATA			
148001	<b>ATCTAGTGAC</b>	<b>ATTTTCTTTG</b>	<b>TGCTAAGTAC</b>	TGTGCTAGAT	CCTTTATATG
148051	TTTTATTTAA	TTTTGAGGAA	<b>GIGICITAGI</b>	CCCCTTGGGC	TGTTATAACA
		GTCTGAGTGG			
		CCAAGATCAA			
		CTTTATAGAA			
		AAGGAGCAGT			
		GGCTCCACCT			
		CATCACTTTG			
		TATTCAATCA			
140401	ACIGAGAVA	CTGAGCCTCA GCATATTAAA	TATCAAACTC	CTTTCCCAAA	TTCAAACCAA
		GAGTACTAGT			
		ACGATTACTA			
148651	AGATCTGTGA	TATTAGGAAA	ATGGCACACG	TTTAAAAGCA	TTTAATCTGC
148701	TTAAATTTCT	AGGTAGTTGG	CTGTCAGAAA	GTAAGTTTGA	<b>ACTGACATAT</b>
148751	TAATTITICCT	TATTATTTCT	TGTGTTGGAT	TATGTTTATG	ATATCAGTGC
148801	CTGCAGGTTC	AGGATTGGGA	AACAATTCTT	TTCAAAAAAT	TGCTTTGTC
		TTGAACTGTG			
		TCACGCCTGT			
					ACATGGAGAA
					TGGCGCATGC ACTTGAACCC
					ACTCCAGCCT
1/0151	CCACAACAAC	ACCIGADACTIC	CTCCCCTC	CAAAAAAAAA	AAAAAGAATC
					AATGTAATGA
149251	ATATIGICIG	TGITAGIGIG	GAATTTTTAC	TGGGAAATCA	TGGCAAGATG
149301	GAAAAATACA	TGCTTTTATG	TCACTCTCTA	TGTTAACAGT	TTATACAAAT
149351	CTGCAGTTAC	ATAGAGCACA	TGCAGCTTAT	<b>ACATCTGTAT</b>	AATAGCTGAC
149401	AAAGGTAACT	<b>ाजजज</b> टा	TCTGCATTTA	TAGGATATCT	TATTAATCTA
					AGTTTATCAT
					GGACATTTAT
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149001	TATATELLEC	TTCTCCACTA	CTCATTAAAA	CATCCCTCTA	ATAAGGAACT GTAGATATTT
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					GCCATTCAAC
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					GACACAGAGC
149951	AACTTACACA	TGTGTCAACT	CTTATTAATA	CAGTGTCTGG	GAAGTAGGTA
150001	TTCAATGAAC	AATAGATAAT	CTTCATAATT	ACTTAATTTC	GCCTCACAGC
					AGTGAGGCAC
					TTAGTAATGC
					TGTTTATGGG AAAAAAGTGA
					TAAATATTTG
120504	JUVVENVOIC ATESTANANTE	ATTECCACE	GTATAACATA	COCCAVITY	TAAACATCCA
					TGTGCAACAC
150401	AATATAATTT	TGCTTTTCTC	TAGAGITGIT	TTTCAAGAAG	TCCAGTCTAA
150451	CATGGATTTC	TITAGTTCAA	GAGITTIGIG	ATATTGGAAA	TGATTTATTC

150501 AAAATGCATT TGTTTATGGA AGAACAAACT TCTTTCCTAG GGATAGAGAT
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150601 AGTGATATGT AATGTTTGTG TTCACATTTT TTAATTGACA AAAATTGTG
150651 GTACAATGTG ATGTTTTGCT ATATGTATAC ACATAAAATG ATAACATAA
150701 GCTACCTGAC GTATCTGGCA CCTCACATAT TTGACACTTT TTGTGTGATG
150751 AGGACATTTA AAATCTACTG TCTTAGCATT TTCAAATATG TAATACATTA
150801 TTATTAATTA TCATAACCAT GCTGTATATC AAACTTTTTA AGATGTTTA
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150951 TTAAAACATT TTAGTTTTTT TCATAACTTA TAAATTGTAT CTTTATTACA
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151151 TATCAAGGAA CTAGAATAAT GTTATCATCT TCAAGGTATT TATGCGGTG
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151251 TITAGAAAGA ATCTCTTTIT ATGTGTTTGT TCCTGTCCAA ACTTATTTTC
151201 Transporter Transport Transport Transport
151301 TCTCAGGTGG TTGTACTCAT TACTACTTCT TTGTCAAAGA AAACTGACTG
151351 TITICTCAAGT ATATAGGITT CITAATCITA GTAATITATT TTGAAAGAA
151401 TTCACGTCGG ATTTGTCAGG TCAACTAAAG AAAAGGAAAG GCAAAACAG
151451 ATCTAAAACA TTTAGATGTA TTGTTGACAT TTTTAATGAG TGAGCATTTA
151501 CAGGTGTGTA TGCAAACAAG TAGTACCATA ACATTTACAG TTTCTGTTT
TITUL ORGANIA OCTATION INDIRCAIN ROLLINGS TITUITI
151551 TAGGATAATT CATATTTAGG ACTCAGAAAT GCCCTGTTTG TACCTGTTT
151601 AATATTAGTC ACTGATTGCA GAAGTTATTT TGCATAGATG ACTTTTGGA
151651 TAAATCTTAA ATGTAAATGG TGGTCACAGA CAGTTATCTT TAGTTAGAA
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151851 GOGAACTTGG CTCACTGCAG CCTCCACCTC CCAGGTTCAA GCAATTCAC
151901 CTGCCTCTGC CTCCTGAATA GCTGGGATTA CAGGCGCACG CCACCATGC
151951 TGGCTAATIT TCGTATTTTT TAATAGAGAC AGAGTTTCAG CTGTTGGCC
15301 COMPART CLASSIFICATION TO CITY TO CONTROL TO CONT
152001 GGCTGGTCTT GAACTCCTGA CCTCAGGTGA TCCATCCATC TTGGCCTTCC
152051 ATTICTCATAA GGGGACTICTA TACITTTTTT TTAGGCCTTT CCACTGGAT
152101 ACATATGTCT TTTGCACTCT ATTCTGTTTC CATTCTTTT TTTTTTTTT
152151 TGTCACTTTG TGTATTCATT TGGATGCTTT CTAGTAACCA GTCTTCCAT
152201 TTAAGAATCC TCTGTTCTGT TTTCACTAAT CTCCCATTAA GACTATCTT
152201 TIMESATOL TOTAL TITOLIAN CHECK TAN GALLATON
152251 TGAGTTCTTA ATTTTTATTA TAGTTTTTAG GTTTAGGATT TCCCTTTGA
152301 GGTTTTCTAA TGGATTCCAA GTCCCTGGTG AAATTCAACT TTTTAAAAA
152301 GGTTTTCTAA TGGATTCCAA GTCCCTGGTG AAATTCAACT TTTTAAAAAT 152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTG
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTO
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152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTON 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA
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152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTON 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGAT 152601 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGGA 152651 GGTGGAGACG GAGTCTTGCT TTGTCGCCCCA GGCTGGAGTG CAGTGGGGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT
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152351 TTIGCIGTAG TTICATIGTGA TTITTIGTTTT TACTATATTA GCACTATCTON 152401 TTIGCAGATT GTATTTTAAC TTIGTTTCACA GATTIGTAATT CACTAGGATON 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTGAT 152601 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGG 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCCTTAG CCTCCCAAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGAT 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTT GAAATGATTC 153051 ACGCCATCTG GCCTCCCAGTT AACCGATTCC TCCCAGGTTC AAGCGATTCC 153101 CCTGCCTCAG CCTCCCAGCT ACCTGGGATT ACAGGCATCC TCCCAGGTTC AAGCGATTCC 153101 CCTGCCTCAG CCTCCCCACTACT ACCGCAGTTC AAGCGATTCC AAGCGATTCC TCCCAGGTTC AAGCGATTCC 153101 CCTGCCTCAG CCTCCCCACATACTTA ACAGGCGCCT GCCACCATACTCCTAGCT ACCGCAGTTC AAGCGATTCC AAGCGATTCC ACGCGCCT GCCACCATACTCCACATACTTA ACAGGCGCCT GCCACCATACTCCACACTACTCCACACTACTCCACACTACT
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152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTON 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTTGGGTTTT TCCAATTGT TCCATCTCT TTTTTGGGGAT 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGGGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTCAG TAGAGAGGG GTTTCACCAT GTTGGCCAGA 152801 TGCTTGCAA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGT TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTT GAAATGATT 153051 ACGCAATCTT GCCTTCGAGT AACCTTCGCC TCCCAGGTTC AAACCATTCT 153101 CCTGCCTCAG CCTCCCAGT AGCTTGGATT ACAGGCATTA TTTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTON 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152601 AACATGGTAT TTTGGGTTTT TCCAATTGT TCCATCTCT TTTTTGGGGAT 152651 GGTGGAACG GAGTCTTGCT TTGTCGCCCA GACTGGAGTG CAGTGGAGT 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAGA 152801 TAATTTTTGT ACAGGCATGA GCCACCAGGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTT GAAATGATT 153051 ACGCAATCTT GGCTTACTTGT AACCTTCGAGT ACAGGCATTC AACCTTCGAGT ACAGGCATTC AACCTTCGAGT ACAGGCATTC ACCTTCGAGT ACCTTCAGAGT ACCTTCGAGT ACCTTCA
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTO 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATO 152451 TCTCCTCTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGTA 152601 AACATGGTAT TTTGGGTTTT TCCAATTGT TCCATCTCTT TTTTTGGGGGA 152651 GGTGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTCAG TAGGAACGGG GTTTCACCAT GTTGGCCAG 152801 TGCTGGGATT ACAGGCATGA GCCACCACGC CCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 153001 CGTCTAAAGC AATTAGGATA TTGTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153101 CCTGCCTCAG CCTCTCGAGT ACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTO 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATO 152451 TCTCCTCTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGTA 152601 AACATGGTAT TTTGGGTTTT TCCAATTGT TCCATCTCTT TTTTTGGGGGA 152651 GGTGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTCAG TAGGAACGGG GTTTCACCAT GTTGGCCAG 152801 TGCTGGGATT ACAGGCATGA GCCACCACGC CCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 153001 CGTCTAAAGC AATTAGGATA TTGTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153101 CCTGCCTCAG CCTCTCGAGT ACCTTCGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 CTGCCTCAG CCTCTCGAGT ACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TTTGCTGTAG TTCATGTGGA TTTTTGTTTT TACTATATTA GCACTATCTO 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATO 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGTA 152601 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTTGGGGGA 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCCA GGCTGGAGTG CAGTGGGGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTT ATTTTTTCAG TAGGAGAGGG GTTTCACCAT GTTGGCCAG 152801 TGCTGGGATT ACAGGCATGA GCCACCACGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTGGCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGCT TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGCC TCCCAGGTTC AAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TTTGCTGTAG TTCATGTTGA TTTTTTTTTTTTTTTTTTTTTTTTTTTTT
152351 TTTGCTGTAG TTCATGTTGAG TTTTTTTTTTTTTTTTT
152351 TTTGCTGTAG TTCATGTTGAG TTTTTGTTTT TACTATATTA GCACTATCTO 152401 TTGCCAGATT GTATTTTAAC TTGTTTCACA GATTGTAATT CACTAGGATO 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TTTATAGAA 152501 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTGTTGA 152601 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTGGGGG 152651 GGTGGAACG GAGTCTTGCT TTGTCGCCCA GCCTGGAGTG CAGTGGGGA 152701 ATCTCAGTTC ACTGCACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG GGTTCAACCA GTTGGCCAG 152801 TAATTTTTGT ATTTTTCAG TAGAGAGGG GTTTCACCAT GTTGGCCAG 152801 TGCTGGGATT ACAGGCATGA GCCACCACGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT GAAATGATT 153011 CCTGCCTCAG CCTCTCGAGT AGCTTGCCC TCCCAGGTTC AAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCCT GCCACCATA 153101 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152351 TITIGCTGTAG TITCATGTGGA TITTTTGTTTT TACTATATTA GCACTATCTO 152401 TIGCCAGATT GTATTITAAC TITGTTTCACA GATTGTAATT CACTAGGATO 152451 TICTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TICTCTTTCA TITTATAGAA 152551 TTAGGGTTTC GAGGAATGG ATGAATAGAG ATGTCTATGC TITTGTGGAACT 152601 AACATGGTAT TITGGGTTTT TICTCAATTGT TICCATCTCTT TITTTGGGGAACG 152651 GGTGGGAACG GAGTCTTGCT TITGGCCCA GCTGGAGTG CAGTGGCGAA 152701 ATCTCAGCTCC CAAGTAGCTG GGATTACAGG TGCATGCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TIGTGATCG CCCACCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 153001 CGTCTAAAGC AATTAGGATA TTTTTTACTGT AGCTTACTA ATGCCTTGTG TAGAGTTGA 153010 CGTCTAAAGC AATTAGGATA TTTGGTAATGT TICTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTGGCC TCCCAGACTTC TAGAGCACT 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT AACGGGGCT CAAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCT CAAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCT CAAACGGTTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGATT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGATT ACGTGGGATT ACGGGAGTT AGCTGGGATT ACGGGAGTT AGCTGGGATT ACGGGAGTT ACGGGAGGTT AGCCGGAGGT AGCCGGAGT AGCTGGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT TAGCCCACTTGAGT AGCCGGAGGT AGCCGGAGGAGT AGCCGAGGAGT AGCCGAGGGAGT AGCCGAGGAGT AGCCGAGGAGT AGCCGCACTCCAATAT AGGCGAGGAGT AGCCGAGGAGT AGCCCACCACTCCAATAT AGGCGAGGAGT AGCCGAGGAGT AGCCCACCCACT TAGCACCCACT TAGC
152351 TITIGCTGTAG TITCATGTGGA TITTTTGTTTT TACTATATTA GCACTATCTO 152401 TIGCCAGATT GTATTITAAC TITGTTTCACA GATTGTAATT CACTAGGATO 152451 TICTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TICTCTTTCA TITTATAGAA 152551 TTAGGGTTTC GAGGAATGG ATGAATAGAG ATGTCTATGC TITTGTGGAACT 152601 AACATGGTAT TITGGGTTTT TICTCAATTGT TICCATCTCTT TITTTGGGGAACG 152651 GGTGGGAACG GAGTCTTGCT TITGGCCCA GCTGGAGTG CAGTGGCGAA 152701 ATCTCAGCTCC CAAGTAGCTG GGATTACAGG TGCATGCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TIGTGATCG CCCACCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTGTT TTATCACTT 153001 CGTCTAAAGC AATTAGGATA TTTTTTACTGT AGCTTACTA ATGCCTTGTG TAGAGTTGA 153010 CGTCTAAAGC AATTAGGATA TTTGGTAATGT TICTGTTTGT GAAATGATT 153051 ACGCAATCTT GGCTTACTGT AACCTTGGCC TCCCAGACTTC TAGAGCACT 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT AACGGGGCT CAAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCT CAAGCGATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCT CAAACGGTTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGATT ACAGGGGCCT GCCACCATA 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGATT ACGTGGGATT ACGGGAGTT AGCTGGGATT ACGGGAGTT AGCTGGGATT ACGGGAGTT ACGGGAGGTT AGCCGGAGGT AGCCGGAGT AGCTGGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT AGCCGGAGT TAGCCCACTTGAGT AGCCGGAGGT AGCCGGAGGAGT AGCCGAGGAGT AGCCGAGGGAGT AGCCGAGGAGT AGCCGAGGAGT AGCCGCACTCCAATAT AGGCGAGGAGT AGCCGAGGAGT AGCCCACCACTCCAATAT AGGCGAGGAGT AGCCGAGGAGT AGCCCACCCACT TAGCACCCACT TAGC
152351 TITIGCTGTAG TITCATGTGGA TITTTGTTTT TACTATATTA GCACTATCTON 152401 TIGCCAGATT GTATTTTAC TITGTTTCACA GATTGTAATT CACTAGGATON 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTTTGGGTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA 152551 GTGGGGAACG GAGTCTTGCT TTGTGGCCCA GCTGGAGTG CAGTGGGGAACG GAGTCTTGCT TTGTGGCCCA GCTGGAGTG CAGTGGCGAA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCACCCTTAG CCTCCCAAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCACCCTTAG CCTCCCAAAA 153001 CGTCTAAAGC AATTAGGATA TTGTGTAATGT TTCTGTTTTGT GAAATGATT 153001 CCTGCCTCAG CCTCCCAGAT ACCCTTCGCCT TCCCAGGTTC AACCCTTCGACT TTGTGTAATGT TTCTGTTTTGT AAAACAACA ACAGGCGCCT TCCCAGGTTC AACCCTTCGACT TTGTGTATGT TTCTGTTTTTTTTTT
152351 TITIGCTGTAG TITCATGTGGA TITTTGTTTT TACTATATTA GCACTATCTO 152401 TIGCCAGATT GTATTTTAAC TIGTTTCACA GATTGTAATT CACTAGGATO 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA' 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TTTATAGAA' 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG AGATGGGATT AAAGCCAAA' 152601 AACATGGTAT TTTGGGTTTT TCTAAATAGGT TCCATCTCTT TTTTGTGGCCA 152601 AACATGGTAT TTTGGGTTTT TCTCAATAGGT TCCATCTCTT TTTTTGGGGGA 152601 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCGGA 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCGG CCCACCTTAG CCTCCCAAA 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCGG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCACCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTA ATGCCTTGTT TTATCACTT 153051 ACGCAATCTT GGCTTACTGT AGCTTCCTCA ATGCCTTGTT TTATCACTT 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCCT GCCACCATA' 153151 CTGGCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTTGT GAAATGATT 153101 CCTGCCTCAG CCTCTCGAGT AGCTTGGGTT ACAGGCGCCT GCCACCATA' 153151 CTGGCTAAATT TTTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNN
152351 TTTIGCTGTAG TTCATGTGGA TTTTTTGTTTT TACTATATTA GCACTATCTO 152401 TIGCCAGATT GTATTTAAC TTGTTTCACA GATTGTAATT CACTAGGATI 152451 TCTCCTCTTC TTAAGAGAAA ATTAAAAGGG AGATGGATT AAAGCCAAA' 152501 GATACTCTAG AAAGCCTTT TCAAAAAATT TCTCTTTCAT TTTATAGAA' 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG AGATGCTATGC TTTTATAGAA' 152561 AACATGGTAT TTTGGGTTTT TCTCAATTGT TCCATCTCTT TTTTATAGAA' 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA' 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTCTTTGT ATTTTTTCAG TAGAGACGGG GTTCAACAC CATGCCCGG 152801 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTAG CCTCCCAAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGGATTGAT 153001 CGTCCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT AACCTTTGGCCAGG 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCT TCCAGCATTC 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCT CCCACCATAC 153101 CCTGCCTCAG CCTCTCGAGT AGCTGGGATT ACAGGCGCT CCCACCATAC 153301 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TTTIGCTGTAG TTCATGTGGA TTTTTTTTT TACTATATTA GCACTATCTON 152401 TTGCCAGATT GTATTTAAC TTGTTTCACA GATTGTAATT CACTAGGATA 152451 TCTCCCTCTC TTAAGAGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTCTTTTCATTAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGCTATGC TTTTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGCTATGC TTTTTTTTAGAC 152651 GGTGGGAACG GAGTCTTGCT TTGTCGCCCA GGCTGGAGTG CAGTGGCGA 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG TGCATGCCAC CATGCCCGG 152801 TAATTTTTTGT ATTTTTTCAG TAGAGACGG GTTTCAACGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGC AATTAGGATA TTGGTAATGT TTCTGTTTGT AACCTTCGC TCCCACATT 153101 CCTGCCTCAG CCTCCCGAGT AGCTGGGATT ACAGGCATT AGCTTGGCC TCCCACATT 153101 CCTGCCTCAG CCTCCCGAGT AGCTTGGGCT AGCTGGGATT ACAGGCATTC 153101 CCTGCCTCAG CCTCCCGAGT AGCTTGGGCC TCCCACCATA 153101 CCTGCCTCAG CCTCCCGAGT AGCTTGGGCT AGCTTGGCT CCACCCATA 153101 CCTGCCTCAG CCTCCCGAGT AGCTTGGGAT ACAGGCGTT ACAGGCATTC TCTGCCTCAG CCTCCCGAGT AGCTTGGGAT ACAGGCGTT ACAGGCATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152351 TITIGCTGTAG TITCATGTGGA TITTITTT TACTATATIA GCACTATCTT 152401 TITGCCAGATT GTATTITAAC TITGITTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTTC TITAAGAGAAA ATTAAAAAGG AGATGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TITTATAGAT 152501 AACATGGTAT TITGGGTTTT TCAAAAAAATT TCTTCTTTCA TITTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTTGTGGT 152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TITTTGGGGG 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG GTTTCACCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CCTGCCTCAG CCTCCTGAGT ACCTTCGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTCTGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTGGGC TCCCAGGGTT AAAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TITIGCTGTAG TITCATGTGGA TITTITTT TACTATATIA GCACTATCTT 152401 TITGCCAGATT GTATTITAAC TITGITTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTTC TITAAGAGAAA ATTAAAAAGG AGATGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TITTATAGAT 152501 AACATGGTAT TITGGGTTTT TCAAAAAAATT TCTTCTTTCA TITTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTTGTGGT 152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TITTTGGGGG 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG GTTTCACCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CCTGCCTCAG CCTCCTGAGT ACCTTCGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTCTGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTGGGC TCCCAGGGTT AAAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN
152351 TITIGCTGTAG TITCATGTGGA TITTITITT TACTATATIA GCACTATCTO 152401 TITGCCAGATT GTATTITAAC TITGITTCACA GATTGTAATT CACTAGGATI 152451 TCTCCTCTTC TITAAGGAAA ATTAAAAGGG AGATGGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TITTATAGAT 152501 ATACTCTAG AAAGCCTTTT TCAAAAAAATT TCTTCTTTCA TITTATAGAT 152501 AACATGGTAT TITTGGGTTTT TCAAATAGAA ATTCTCTCTT TITTITGGGGG 152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TITTITGGGGG 152701 ATCTCAGCTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG GGTTCAAGCA ATTCTCCTG 152851 CTGGTCTGAA ACTCCTGACT TTGTGATCCG GGTTCAAGCA ATTCTCCTG 152851 CTGGTCTGAA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCACGC CCAGCCTTGT TTGTGGCCAG 152801 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CGTCTAAAGG AATTAGGATA TTGGTAATGT TCCATCTTGT TTGTGTTGT 153101 CCTGCCTCAG CCTCTCGAGT ACCTTCGCC CCAGCCTGTT TTATCACTT 153101 CCTGCCTCAG CCTCTCGAGT ACCTTCGCC CCACCATAC 153151 CTGGCTAATT TTTNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNN
152351 TITIGCTGTAG TITCATGTGGA TITTITTT TACTATATIA GCACTATCTT 152401 TITGCCAGATT GTATTITAAC TITGITTCACA GATTGTAATT CACTAGGATA 152451 TCTCCTCTTC TITAAGAGAAA ATTAAAAAGG AGATGGATT AAAGCCAAA 152501 GATACTCTAG AAAGCCTTTT TCAAAAAATT TCTTCTTTCA TITTATAGAT 152501 AACATGGTAT TITGGGTTTT TCAAAAAAATT TCTTCTTTCA TITTATAGAA 152551 TTAGGGTTTC GAGGAATGGG ATGAATAGAG ATGTCTATGC TTTTTGTGGT 152601 AACATGGTAT TITTGGGTTTT TCTCAATTGT TCCATCTCTT TITTTGGGGG 152701 ATCTCAGTTC ACTGCAACCT CTGCCTCCTG GGTTCAAGCA ATTCTCCTG 152751 CTCAGCCTCC CAAGTAGCTG GGATTACAGG GTTTCACCAC CATGCCCGG 152801 TAATTTTTGT ATTTTTTCAG TAGAGACGGG GTTTCACCAT GTTGGCCAG 152851 CTGGTCTCGA ACTCCTGACT TTGTGATCCG CCCACCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTAG CCTCCCAAA 152901 TGCTGGGATT ACAGGCATGA GCCACCAGGC CCAGCCTTGT TTATCACTT 152951 ATAATCATTA TTTTTACTGT AGCTTACTTA ATGCCTTGTG TTGAGTTGA 153001 CCTGCCTCAG CCTCCTGAGT ACCTTCGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTCTGGC TCCCAGGGTT AAAGCGATTC 153101 CCTGCCTCAG CCTCCTGAGT ACCTTGGGC TCCCAGGGTT AAAGCGATTC 153101 NNNNNNNNN NNNNNNNNN NNNNNNNNN NNNNNNNN

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154001	<b>GCATGAAAAG</b>	$\mathbf{m}\mathbf{m}$	CCTTACCTGT	GATTTAAAAC	AAATTCAAAA
154051	TAAAAAAACAG	TTATACAGTT	TTAGTTTTTC	CITATITICI	GATGAGTTCT
154101	CATGTAAAAA	CTGCTTATAA	TAAAGCTTAG	ATATGATATT.	CTTTTAACTT
154151	AGTTATCTGT	TGATGTGTAC	AGITATITAT.	GTTTGCAACA	TTCATCCTAG
154201	<b>GGTTTAAGAT</b>	ATAAAATTAT	TTTTAATTA	TATGATGAAA	ATTTATGTAC
154251	ATTTAGATTG	CCTTATTT	TATTTTATT	IGITITI	AGAGATGGGG
154301	TGAGTCAGTC	TCTTAGCCTT	TTTTTGGGGG	GTGGGGGGTG	ATAAACAAGI
				ATTCAGTGAC	
				GGAGACTTTT	
				TAACTGCAAC	
				AGTACTATCT	
				TCTAGATGTT	
154601	CACAGATTIA	CCAAACTCAA	CICITIGGIG	CAGTIGITAT	CTCTCCTCCT
154701	AICAITTIGG	CCCCCTTCTC	TOCTOTOCO	ATGIGIGIAA	CTCAAATTTT
154751	TITTOTA	1611611111	100101010	TTTGAGACAG	AGTCTCACTT
				TCTCAGCTCA	
154851	CCCTCCTGG	GTTCACACCA	TIGICTIECC	TCAGCCTCCT	GGGTAGCTAG
154901	GGCTACAGGC	GTATGCCACC	ACGCCTGGCT	AATTTTTGT	ATTITIAGIA
154951	GAGATGGGGT	TTCACCATGT	TGGCCAGGAT	<b>GGTCTCGATC</b>	TCCTGACCTC
155001	GTGATCTGCC	TGCCTCGGCC	TCCCAAAGTG	CTGGGATTAC	AGGTGTGAGC
155051	CACCGTGCCT	GGCCCCTTTT	TTTCCTATCT	TAMACCACT	TACTGGCTCT
155101	GTTACCTGCA	<b>TGATGTCTAA</b>	<b>GTCAAGAACT</b>	GTGAAAGATC	TGGGGTTTTC
155151	TACTTGCAGG	CTAACAAGTA	<b>GCCTTCCACA</b>	GTTGCATGGA	TACTGGCAGA
155201	<b>AACCATGAGG</b>	CTCATGGGTC	<b>AGAAACGAAT</b>	GACTTCATTA	TTCACAGCAC
155251	AGCAAGCAGC	<b>AAGAATATCT</b>	GTATGTTIGT	ATCAGTTCCT	CCTTTACACT
				TATGGATATC	
				TCTTGGTTAA	
155401	TTATCITGGG	CAGTAAGCTT	GCCTGCCCTT	TGCCCCTGAG	GGAGGTAGAT
155451	GAATIGIGIA	GCTTCTGAAG	CTCTAACCAA	ACCTACTCTT	TIGCTCTGGAG
T2220T	GGGGACGIIG	CACTATION	ACAATATTAT	CCATTTTAAG GCAGCCATCA	CCACTAATTC
122223T	CACAACATTT	CCATCACCCC	ACTIVETECE	TTGCTCATAA	CACTICAACAA
155651	ATCTCAAACA	CCCCTTCGAGA	ATTGTCTCCC	AAAACACACA	TTATTTGTAA
155701	GAGAAAATCA	TATICTTACAC	AGATTATATT	AATGGCAAAG	TAGCATGGGA
155751	GAGGGTCACA	GAAGTGGGTT	GGACGATTCC	GTTAAAAGCA	GGGAACATTC
155801	TAGTTAAGGC	ACTTGGATAG	<b>GCATTGGGTG</b>	AGAGTTTTCA	TGICTITICT
155851	<b>GCTAGATTGT</b>	TOCTGTTTT	TTTCTCTATG	TGCACCTGAT	TTTATGCTTT
				TTGACATTGA	
155951	GTTAAACCAC	CAAAAAGTTT	CAAACAAGAG	AAATCIGITI	TGACTGTTGG
156001	AAGGCAGAGA	CAGCACAAGA	TTAGCCTGTT	CTGCTGAAGT	CATAGITICAA
T2602T	CCTTAATGAA	CGTCAAGGAA	TATACCCACT	TACATATGAG	GIGIGIAGIA
12010T	TIAGCGIGII	IGIGAAAICA	ATTATITITE	AGAACAAAAC TGCATTAATA	ACIGATITIC
1263U1	ACTICITITICA	AIGIGCACAT	TRETCTAGAA	TTGTATAGAG	CTAAACACCA
156251	TICATTTACE	TAGGCTTAGT	AGAGAACTA	ATTITAAAAT	AAATGGTCAC
				ATATTTATAA	
156351	CTTGCAAGGC	CATGTCAGGT	AATGTTCAGC	AGTCCCCAAC	TTCAATCTAG
156401	AATGGAGATG	<b>GCTACCAAAA</b>	<b>AGTATCTTTG</b>	GATTCCTAGG	ACCCACAGAG
156451	ATTGACTCAG	TGGGTTTGAT	TGTTACCCTG	GATTCATGGG	TAACACTAAA
156501	TGGTTACCCA	TGGGTAATCT	AAAGCACAGC	TAGATTTCTG	AACCTTTATT
156551	TCAGGATAGC	TGAAAAACAT	AGAGATGAGA	CATTAMAGCC	CCCAGTCCTC
156601	TAACAGCTAC	CTCCGACCAG	HCHIGH	AGCATAAGGA	TIACCTICAC
				CTTTGTGCT	
				GTTATTACTG TTCTATAACA	
				THEIGHTE	
156851	CCTCCACC	TAGIGITAT	TGAACAAATA	AATTGAATTG	AATGAATTGT
				TTTTCTTCCA	
156951	TGCCATGCCA	CAATGATCTT	TGCCTAACAT	GAGATAAAAC	TTACTTAGCT
157001	ATTTTTTAC	TGCTTGGTAA	<b>ACTCAAGTAA</b>	TACATTCACA	CTTTCCAGTA
157051	AGACACTTGG	CCATCITACT	AATTCATTGG	GAGAAATAGA	GAGCATATAT
157101	ATAACTAAGG	ATAGGATCTG	ACATTATTTG	GATGTAGCTC	CTGTTAGAAG
157151	GCAAAGCAAG	CAATAACATG	CATAAATTAG	ATGTGGCATG	GCCCAGGATT
15/201	IIGICITIIG	ATGAAAGTAG	CCATICCIT	TGGAACTGTT	IAGITATGIT
157201	CATGAACTC	CICIAGGIAG	ACATTETICE A	TTAGAAGAAT GTTGATGTGT	AACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
157251	AATCCTACCA	AGICAGGI IA	CCTATTGATA	AATCCACTOS	TTATTTTTA
157401	TTTCTTTACT	TCACTICAAA	ATATTICACA	CAGTTAACTC	CAGCTTTTT
		, <del></del>			
15/451	ПСППСС	псини	$\mathbf{m}\mathbf{m}$	TITTIGAGAT	GGAGTTTTAC

		CAGGCTGGAA			
157551	CTACGCTTCC	TGGGTTCAAG	CGATTCTCCT	GCCTCAGCCT	CCCGAGTAGC
157601	TGGGACTACA	GGCGCCCACT	ACCACACCCG	GCTAAATTTT	TGTATTTTA
157651	GTAGAGATGG	<b>GGTTTCACCG</b>	TGTTAGCCAG	GATGGTCTCG	ATCGCCTGAC
157701	TTCGTGATCC	ATGCGCCTTG	GCCTCCCAAA	<b>GTGCTGAGAT</b>	TACATGCATG
157751	AGCCACCGCA	CCTGGCCAAC	TCCAACCTTC	TTGATACACT	ATCCCCTTTA
157801	TICCIIGGII	TCCTTTCTTC	TTCTCTGATA	CCCGTAAAAT	TCATATATTG
		CCCGAATGTG			
		TAGATGAAGT			
		AACAGGAGAT			
		TCTCTCTGCC			
		TAAGAGAACT			
120031	CACCTTCCAC	TTCCATCTAC	CACAATCTCA	CAAAATAATT	TOTOTAL
		ATTTATGTTA			
		CTCCTTTGCA			
		GCATTCTCTT			
		CGGTGATCTA			
158351	AAGGACTGGT	AAAATTTGTA	TTTCCATTTT	GTACCICITI	CTAACTCTAA
158401	ATATCTAAAT	CTCCAGTTGT	CCCACAGGAC	AACCCACCAT	GTTTACAGTT
158451	AAAGTTTTTT	<b>TCATCCGGTG</b>	ACTCCATGGA	GACATTAGTT	TATCAGCCCT
158501	ATTGATTGTA	TTTCCTTAAT	ATTTCTCACA	TATATCCACT	TCTGTCTCTT
158551	TTGCCATGAT	TTTAATTCAG	<b>ACAGCTAACT</b>	<b>ATCCGTCCTG</b>	GATCGCTCCA
158601	<b>ACATTTTTCT</b>	<b>AATTGACTGA</b>	CATCAATAAT	<b>ACTCTTAAAT</b>	TTATTTATTT
158651	TTTCTAAATA	GACTTTTTT	TTTTAGAGTA	GTTTGGGTT	CACACCAACA
158701	TTGAGTGGAA	AGTACAGAGT	ACTCATATAT	ACTCTGTCTT	CAGAAACACA
158751	CAACCTCCCC	AGCTGTTAAC	ATCCTGTGGG	AGAGTGATAC	ATTTGTTACA
		CTACAATGAC			
158851	CATTAGGGTT	AACTCTTGGT	ATTGTACATT	CHERCHIT	GGATGAATGT
158901	CTAATAACAT	ATATCTACCA	TEATACTETC	CTACAGAATA	GTTCACTGC
150051	ATTAAAAATC	CTTTGTGCCA	TOCTOTO	TTTCTCCCTC	CTCTCTAACC
		CTGGCAACTG			
T2202T	TITIGGAATA	TCCTATACAT	ICCIAIGCAG	IGITOCIGIA	TACTATCCAT
129101	TGCAATATGT	AGCTTTTCCA	GATIGGCTIC	THEATGIAG	IAGIAIGCAI
159151	TTAATATTICC	TCCATGCCTT	CTCATAACTT	GATAGCITAI	HCCITTAG
159201	CACAGAATAA	TATTCCATTG	TCTGGACCTA	CCTCAGTTTA	CCCATTAACC
159251	TACTGAAGGA	CATCTTGGTT	GCTTCCAAGT	TATGAAGACT	GTGAATAAAG
		<b>CATCIGIGIG</b>			
159351	CCTTTTGATA	<b>AATATCCAGG</b>	AATGCAATAG	CTGGAACCTG	TGGTAAGAGT
159401	ATTITTAGTT	TTCTGAGAGT	TTATTTTTGC	AACTTCCAAA	CTGTCTTCAA
159451	GAGTGGTTGT	ACCATTITIT	<b>ACCCCATCAG</b>	CAGTGAATAA	AAGTTTCTGT
159501	TGCTTCACAG	CTTCATCAGC	टामखादार	<b>GGCAACTTTC</b>	CTGATTTTGG
159551	CCATTCTAGT	<b>GGGTGTGTAA</b>	<b>TGGTATCTTA</b>	TIGITITCAT	TTGCAGTTCC
		ATGATGTTGA			
159651	TITICITIEG	TGAAGIGITI	GTTCAGTTTT	TGGCCTATTT	TTTAATCTGC
		GTTGAGTTTT			
159751	CTTTATCACA	TGIGICITIC	GTAGACACTT	TCTCCAGTC	TGIGGCTIGC
		TCTTGATGTC			
					GTCATTGCCA
					GITTICICIT
					TAGGTCTGTA
		AGTCAGTTTT			
160001	CATTITUTE	GCATGTGGAT	CTACACTICT	TOCACCATICA	TTTCTTAAAA
160101	CCACCATCTT	TECTICOTAL	TATTOCCTT	CCTACTATCC	CAAAGATTAG
					CIGITCIGIT
					TCTTTTTTT
160251	TITITIGG	TCACTACCAC	ACIGITIGA	HACIGICGE	TTTATAGGAA
					TTTCCTTCAA
					AACTITATAA
160401	TGGGTTTGTC	AATATTCATA	GAATAACTTG	HIGGGIIII	GGTTGGGATT
			CTTCAAAACA	ATTCACATO	
160451	<b>GCATTGAATC</b>	TGTGGATCAA	O I I GAAAAAGA	ALIGACATO	IAACAGIGII
160501	GCATTGAATC GAGTCTTCCT	TTCCATGAGT	<b>GTGGAATATC</b>	TCTCCATTTA	TTTAGATTTT
160501 160551	GCATTGAATC GAGTCTTCCT CTTCAGTTTT	TTCCATGAGT	GTGGAATATC TGTTTGTATT	TCTCCATTTA TTTTCTCATA	TTTAGATTTT
160501 160551 160601	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG	TTCCATGAGT CTTTCATTGG TTAGAGTTAT	GTGGAATATC TGTTTGTATT AACTCATTTT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC	TTTAGATTTT TAGATTTTGT TAATATAAAT
160501 160551 160601 160651	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA	TTTAGATTTT TAGATTTIGT TAATATAAAT TATATAAGAA
160501 160551 160601 160651	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA	TTTAGATTTT TAGATTTTGT TAATATAAAT
160501 160551 160601 160651 160701	GCATTGAATIC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT TGCAGTTACT	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG TCATAGGTTA	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT ACCTTGTATC	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA CTGCAACCTT	TTTAGATTTT TAGATTTTGT TAATATAAAT TATATAAGAA GCTATAATTG
160501 160551 160601 160651 160701 160751	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT TGCAGTTACT CTTATTAGAT	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG TCATAGGTTA TCAGGAGTGG	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT ACCTTGTATC TTTTGTTGAT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA CTGCAACCTT AATTTCACAC	TTTAGATTTT TAGATTTTGT TAATATAAAT TATATAAGAA GCTATAATTG TTTTTACATA
160501 160551 160601 160651 160701 160751 160801	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT TGCAGTTACT CTTATTAGAT GATGATCACA	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG TCATGAGTTA TCAGGAGTGG TCATCTGCAA	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT ACCTTGTATC TTTTGTTGAT AGACACTTTT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA CTGCAACCTT AATTTCACAC ATTTCTTCCT	TITAGATTITI TAGATTITGT TAATATAAAT TATATAAGAA GCTATAATTG TTTTTACATA CCCCTATCTG
160501 160551 160601 160651 160701 160751 160801 160851	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT TGCAGTTACT CTTATTAGAT GATGATCACA TACCTTTTAT	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG TCATAGGTTA TCAGGAGTGG TCATCTGCAA TTCCCTTTCT	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT ACCTTGTATC TTTTGTTGAT AGACACTTTT TATGTAGTGT	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA CTGCAACCTT AATTTCACAC ATTTCTTCCT GATGTTGAAA	TITAGATTITI TAGATTITGT TAATATAAAT TATATAAGAA GCTATAATTG TTTTTACATA CCCCTATCTG AGGAATGGGC
160501 160551 160601 160651 160701 160751 160801 160851 160901	GCATTGAATC GAGTCTTCCT CTTCAGTTTT ACACATTTTG GATAATGTGT TGCAGTTACT CTTATTAGAT GATGATCACA TACCTTTTAT AGAAGGGTCA	TTCCATGAGT CTTTCATTGG TTAGAGTTAT TTTTAATTTG TCATAGGTTA TCAGGAGTGG TCATCTGCAA TTCCCTTTCT TCCTTGCCTT	GTGGAATATC TGTTTGTATT AACTCATTTT AAACACTTTT ACCTTGTATC TTTTGTTGAT AGACACTTTT TATGTAGTGT GTTCTTAATC	TCTCCATTTA TTTTCTCATA TTTGGGGTGC TAATTGCTGA CTGCAACCTT AATTTCACAC ATTTCTTCCT GATGTTGAAA ATAGCAGAAA	TITAGATTITI TAGATTITGT TAATATAAAT TATATAAGAA GCTATAATTG TTTTTACATA CCCCTATCTG

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			•	, —	
161001	TACCAAGTTA	<b>AGGAAGTTCT</b>	<b>GCTCTATTCC</b>	TEGTTTECTE	AGAGGTGTTT
161051	गााजाज	TTGTTTTAC	CAATAATGGG	TATTGGATTT	TGTCAAATAT
	TTICTICATC				
	TGAGATGGAT				
	TIGTAATGTA				
161251	AATCCCACTT	TATAATGGTA	TATAATTATT	СПППППППППППППППППППППППППППППППППППППП	пписпп
	TTTTTTAAGA				
	CACAATCATA				
	CACCTCATAA				
101401	GTTGAGGATT	CTTCCATCTA	TOTTATOO	CAATATTICT	CTCTACTTT
101431	GIIGAGGAII	CATATCTTCC	THE	CTATTCCTCT	AATTCTCCCT
	CITITIGI				
	TCATAGAATG				
	GAGAACTGGT				
	ACGATCTGGG				
	TAATTTCTTT				
	GTTTTGGCAG				
	TCAAATTTTG				
161851	TATATATAGA	TCTGTAGTGA	TGIGICCICT	GICATATCIG	ATATTAGGAA
	TTTATGTCTT				
161951	ATTITATIGA	TTCTCTGAAA	GGACCAACTT	TTAGTTTCAT	TGTTTTTTC
162001	TCTTTTGACT	TCCTATTTTA	GATTTCATTG	ATTTCTGCTC	TAATTTTTAT
162051	TATTTCTTTC	<b>GTTCTGCTTA</b>	CTTTAGCTTG	CTCTTCTAGT	TGCTTAAGGT
162101	GAAAGCTTAG	TATTGATTTT	<b>AGATCTTCTC</b>	<b>TAATATATAC</b>	TCTCAATACT
162151	ATAAGTTTTG	CTTTAAGTAC	TECTTICICT	<b>GCATTGACAA</b>	ATTTTGATAA
162201	GTTCTATTTT	CTTTGTATAT	TTATAGACAA	TAGAACTTTG	ATAAGTTCTA
162251	TTTATATATT	<b>TATAGATATA</b>	TATCTATAAA	<b>ACTAGTGTAT</b>	ATATGTAAAT
162301	<b>AGTATATATA</b>	<b>TATGTGTGTG</b>	TGIGIGIGIG	<b>TGIGIGIGIA</b>	TATATATATA
162351	AAGAGAGAGA	GACAGAGACA	GAGACAGGGT	CTTGCTCTGC	TGTCCACACC
	TCAGTGCAGT				
162451	CGAGTGATCC	TCCTGTCTCA	GCCTCCCAAC	TAGCTACAAC	TACAGACATG
	CATCACCAAG				
	CACTCTGTTG				
162601	CACCTCGGCC	TCCCAAAGTT	CTGCGATTAC	AGGCGTGAGC	TACTGCACCC
	GGCCTAAAAA				
	<b>GTATTACAAG</b>				
	TTTAGCTGTT				
	CAGACATTCT				
	<b>AGAATGTGGT</b>				
162901	GIIGGCIGIT	GCTGTATGAA	TTAGTGTGTA	GATATAAGTT	ATATCCAGTT
	GAATTGTGAT				
	ATCTATTICT				
	CATCTGCTTC				
	TITGITGITA				
163151	TTTACCCTTT	TATCATTATA	TAATACCCCT	THIGHTICIT	GAGAATTTTG
	CATGCTTGAA				
	TTTGGCTTAG				
	AGCTATATTT				
	GTTAGGTCTT				
	TTTAGGCCGT				
163451	TACGATATTT	GTACTGTT	TCTATTAGTC	COTTIGUE	TTCATTCCCA
	TITCTICTIC				
	TIATCICITE				
	TTTTCAGT				
	CCCTATTCAC				
	TAAGTTATCC				
	TGTCCGTAAA				
162901	TTTCTTAGAT	CACTTAAAAC	TACCAAAAAT	TAAACITTIT	ATCTICTITA
163661	THEHAGA	COCTOCTO	ATATACATCA	AAATTTCTCA	CTATATTIT
163001	CITCITICIG	AAGAACTITA	AACATTTCTT	CCAACCCACC	TCTACTCCCA
162051	ACAAATTCCT	TATTTTATT	TOACAAAAT		ATTITICAAC
164004 TO222T	GATGITITIG	CACCATATA	AATTATACAT	TOTAL	TTTTTTCA
	ATAGITTAAA				
	GAGAAGTTAA				
164204 TO4TOT	CTCGACATAT	GACITOTIAA	TTTTTTTT	TTTACATTTA	TTCTCCTCAC
164251	IAIGIGIAGC	111101110	THUITIGHT	ACATTAATT	CCCCAAATTC
164201	TGTTCACTGG	ACTICCIGA	TATTO	ACATIAATIT	CHARACTE
10430T	TCAGTGAATG	THEHOMA	TATTOCTT	CATACON	CITIOGIGI
T0432T	TGCTATTACA	CAIGCIACAC	CIAITIGCH	ATCTA	AGAIAIIIIG
T0440T	1161616166	TIALIALIA	TITITI IAA	MICIAGITUA	GIATTTIGIT
1CAAC4	TTCATAAAGT	****		VCTTTTCC++	

## FIGURE 3UU

164501 ACATATOCGT AAGTGCAGAG ATTCTTTCCT CAGCTGTTTC CGGTTGACTA
164551 ATGAGCCCAT CAGATGTAAT CTCTATTTCT GTTACAGTGT TTTTGATCTC
164601 TAGCATTTCT TTTTTATAGC ATTTCTTTTT GATTCTTGCT TAGAATTTCC
164651 ATCACTCTGC TTACATTACT CATCTTTTCT TACTTGTTGT CTACTTTGTC
164701 CATTAGAATC CITAACATAT TAATCATAGT TTTTTAAAAA TTCCTGGTCT
164751 GACACTICTA GIGITICIGC CACATITIGAC TITISCTITTIG ATGIGTACTC
164801 AATTICITCA AACIGIGITA TITCIGICIT CGTAGGCCTT GTAATCTTTC
164851 TTTGATAGCC AGACATGATA TATGGGATAA AATGAATTGC AGTAAATGAG
164901 GCTTTAGTTA TATAATGGTA AGGIGTTGGG GGGAGTATGG GAAGGAGTGT
164951 TCCATGGTCC TGTGATTAGG TCTGAGTCTT TTAGTGAGTC TATACCCTTG
165001 GACTGTGAAC TTCACAATTT TCTCCTGTTA GGTGGGACAG GATGGCTAGA 165051 TGGAGCTGGA GTTTTTTATT TTCATTCTCC CATGGGAAAG GCTAGAGAGG
165101 GCTGAAGTTG GGTATTTCTC TTCCTCTGGG TCAGTTGGTG TCTAATAAAA
165151 CCTCAATAAC ATAAGCTCTG GGAAAAAATA TTTTCTCTTG AGGAGCAGGC
165201 CTITITAAGA AGAGAATGCT CTAGTGTATT TCACAATGGG TACTTTTCCT
165251 TCCTCCTGCC AGAAGCACAG GGTAATITTT CTCAGATCTT CACTGTGAGA
165301 AGCTGGTGTA GTTGCTGAAG ATAAAACTCA CAAATGTGTG AGGGACCCCG
165351 CTCTATGACT CTCAGACTTG TCAAACACTG AACCCCCAGC AGTTTGTTAA
165401 TIGCATITICC AGTIGITCCTA CCCTGGCACT GGCTCTCATG GAGGITTCTC
165451 TITIGIGGGTT TCCGCTCCAG AAAGTIGIGA TITICIGIAC CTGGGCTGTC
165501 TGTCTCTCCA ATTTTGGGGG CAGTGATTTG CCCTGTGACC TTACTAATAT
165551 GATGTATCTA AGAAGAGTTG GTTTTTCAGT TTGTTCAGCT TTTTACTTGC
165601 TGTTAGGACA GAGCGAAGAC TTCCGAGCTC TTAACGTTCT GGACCAGAAA
165651 TTGGAACAAT GCTGTCCTTT TATTGTCTCT TCTCTACACT GCAGGCAGCC
165701 ATGGTGTTTC TCAAAAACAC AAATCTGATT AGGTCATGTC TCTAGTTGAA
165751 ACATCCCATT AACTGTAGCA TAAAATCCAA ACTCCATGAT TTGGATAACA
165801 AGGICTITGT TTTCAGCCTT GGTTTATTTT TCTGTACTAT CTTTTATAAT
165851 ACATTTICAC TITACTIGITA TIGCTIGAGCCA TTIGTIGCACTT TATCCAGTTT
165901 TTAGTATICI GIGITICICIC TCTTTCCCTC CTTTCACCCT TTGCTTGCCT
165951 GATACCCACC AAGTTTTTAG GTTTTACCTT AGAAACCATC TTTCTTATGA
166001 CAGCOCACCT TGACTCTCCT GAGACCTGTC CATATTACCT TCCTGAGTTT 166051 TTTCTGGTAT AGAATCACAA GTGATTAGCA GAGTAGATAC AATTAAAGGC
166101 CTCCGATGTA ATTTATTGGC AGCCTGAAAT ATTTACTATG CTTGTAGTAA
166151 TTATGAAAGA CCTCCTAAAG CTTTTGCCAA CTGTGTTTCT ACTTGACAGT
166201 TAAACTCCCA CGTGGAAAAG TTATATTATG GAGATTCTTT TGAAGGATGT
166251 TGATAGTGTT TGGCTCTGTG TCCCCACCCA ACTCTCATGT CAAATTGTAA
166301 TCCCCGTAGG TTGGAGGAGA CTCCTGGTGG GAGGTGATTG GATCATGGGG
166351 GCAGATTTCC CCCTTTCAGT TCTCATGATA GTGAGTGAGT TCTCATGAGA
166401 TCTGATGATT TAAACGTGTG TGGCACTTCC CCCTTCGTGC TCTCTCTCTC
166451 TCTCCTCCTG CCATGTGAAG AAAGTCCTTG CTTCCTCTTC TCCTTCAGCC
166501 ATAATTCTTA GTTTCCTGAG GTCTCCCGGT CATGCTTGCT GTTAAGTGGA
166551 ACTIGIGAATC AATTAAACCT GTACTICTTCA TAAATTACCC AGTCTCAGTA 166601 GTTCTTTATA ACAGTGTGAG AACGGTCTAA TACAGATATA GAATCCATTT
166651 GTTATAGTG TTCAATGTTT ATTCTTACGT AGAGTCAAAA AAGCAAATTT
166701 GTGTACCGGC AGAGTAGCTA CCTGCAAGAA TTAGTGCCCA AAACAGTTCT
166751 CATTGACTTT GCAAGTACTC TTTGGTCCCA TATATTTTAA ATACTGGAGA
166801 AAACCATGTT AAATTAATAA ATTAGCGTTG TGATTTGTAT GACAACCTCA
166851 TGTGCATTTG ATTAGTGTGA GTTAGAGGCT ATTCTCCTGT GGATACACTA
166901 AGTCAAATTT TTGAACTTAT AAGTCTAAAT ACTTAACTAA ATACTTTAAC
166951 TTATAAGTCT AAATACTGTC ATTTAGAGAT GCTGATTACC TTATTATTAA
167001 ATATATTACA TGATGATTAT ACTGAGGTGT GCTTCTTTGT CACAGGTGCT
167051 AACAAAGTTA TTGGGTGTGT ATCTCCTTCT ACTTTACGTC CTCTTCCACC 167101 CAAGTGCATC TAATTGAATT TACATGTTTA ATAGGCTTAC AATGCTGTGT
167151 TACTICTATAA TIGICCACTIC AGTIGITTAT TACATATTTA TCAATTCCAA
167201 ATAGGTCTTG GAGGAAATCC AAGCTATTGC TAATGAGAAT TATTTTGCAC
167251 ATTTIGACTG TGTGATACAG GGTTTTGTTC ATTAGTAGGA TCTGTTGAGT
167301 TTACTICTIT TTTTTTCTT TTTTTGGGAC AGAATCTCAC TCTGTTGCCC
167351 AGGCTGGAGT GCAGTGGCGT GATCTCCGCC CACTGCAACC TCCACCTCCC
167401 AGGTTCAAGG TATTCTCATG CTGCGGCCTC CTGAGTAGCT GGGATTACAT
167451 GTACATACTA CCACACCTGA CTAATTTTT TATTTTTTT AGTAGAGACG
167501 GGGTTTCGCC ATGTTGGCCA GGCTGGTCTT GAACTCCTGG CCTCAAGTGA
167551 CCCACCTGCC TCGGCCTCCC AAAGGTTTTA CAGACGTGAG CCACTGCGCC 167601 TGGCCCGAGT TTATTTCTTA AAAACTTATA TTTAGTAATT TTTTTGTGGT
167651 CAAAGGACAT GAAGTTAAAG GATAGTGTGT TTAGAACTGG CTTTGTAATG
167701 GACTIGGTAC GTAAACCAAA GGAAAAAAA CTAGCCTGCT TTCTTTGCCT
167751 GTTTCTCAAG AAATCGGGAT TGTGGTGATT ACCTACCTTC TGATGTGTTT
167801 TAAAAATATT CITAATATTT ATGAAGAAAC ATCAGAAATA TCCTAGTTGC
167851 TGTGGATGCG TAATGAGTTT TTTATTTCAC ATAGACTTTA GGTTTCATGT
167901 GAGGAATGGG TTTGCATCTT ACTCAGTTTT TTATTCTAAT TTCTGTCAAC
167951 ATATTTACCA TGTAGAATAT AAACATTGAT TGAACAATTC TCTATGTATT

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	TGATGAACTA	TTTTAAATAA	TCTTATATCT	TGTTTTCCAG	TGCTTTTATT
		ATTTAAAATAT			
168101	GATGATAGAG	GAAAATAAAT	<b>GATTTGAATA</b>	CAGITIGIII	TGAGATATGA
		AATAAAGTCT			
		TIGITATAGA			
		GATAAGTAAA			
		TGCTGGGAAT			
		ATGGGATTGA			
		CCAGATAGGA			
168451	TATTATAAAA	<b>TCAAGAACTG</b>	<b>GCTTGTTTGA</b>	TTTTATCAGG	ПППППП
168501	TGTCAAATTA	CTTTCTAATC	<b>AGTATTTCAT</b>	TTAGAGGATA	TTGAAGAATG
168551	TAAAGCAGGT	TCACTGTGGA	CTGGTTACCA	TCTTGTCTGA	GTCTGGTAAG
		CTTGCATACA			
		AGATACAACA			
		GGAAAACTGC			
		ACTGCAGCTG			
		GAGTATGTGA			
		GGGGAGGACT			
		TCAGGATGTT			
		ATGGGAGAGA			
169001	GAGCTGTCCT	<b>ACAAAGGATC</b>	TTAAACTAAA	<b>GGAAATGAAG</b>	AGAACAAAGG
169051	AAAGCTTTTA	TTTACATTTT	TATTGCTTAT	GATTCAGTAT	TAATGAAACT
		TCTTCAATAT			
		TAGAGAATTG			
		GAGTTTTCAA			
		AGTACTAGTT			
		CIGICCTAAT			
		TCTATTTTT			
		AGGTGCAAAA			
		CATAATTTAA			
		TATGTAATAT			
		CGTGAACCAG			
		TGACTTTATG			
169651	TTCTTTCAGT	TTTAAAAGAT	<b>GTGATTTTTA</b>	AAAAAGACCC	CTTTGAATGT
		TGGCAAGAAA			
169751	GATAAAGATC	<b>CTTTGGTAAA</b>	ATTCAGGAAA	<b>GCTTTTGGACC</b>	TTAAAAAATC
		<b>TGATGCAGTA</b>			
		CIGGGIIGGI			
		ATCTTAACAA			
169951	AAGITTACCT	AATTCTGCCT	CIGGITICAC	AAATAAAGGG	TECTEAATOC
170001		THE COURT	AACAATTCAT	TOTATITIES	TEATATTAT
	ΔΓΑΔΔΔΔΤΓΤ	T16'16'6'16'2-1			ΙΚ-ΔΙΔΙΙΙΔΙ
170051	AGAAAAATCT	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	AATAACCTCT	AAAATGICTT	AGGATTTTTG
170051	TTCCTGGTTT	CCCTGTGGTT	<b>AATAAGCTCT</b>	<b>AAAATGTCTT</b>	AGGATTTTTG
170051 170101	TTCCTGGTTT	CCCTGTGGTT	AATAAGCTCT AGTAGCCTTC	AAAATGTCTT TTTGGCTTCC	AGGATTTTTG TAATGTTGGG
170051 170101 170151	TTCCTGGTTT TCACTACGGC TGTCCTCGAT	CCCTGTGGTT TTAATCTAAT ATTAGATATA	AATAAGCTCT AGTAGCCTTC TTTCTTGAAG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA	AGGATTTTTG TAATGTTGGG GGCTTACAGT
170051 170101 170151 170201	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT	AATAAGCTCT AGTAGCCTTC TTTCTTGAAG AAATCAAGCT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG
170051 170101 170151 170201 170251	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT GTTGTTTTCT	AATAAGCTCT AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC
170051 170101 170151 170201 170251 170301	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT GTTGTTTTCT CCATTTGTTA	AATAAGCTCT AGTAGCCTTC TITTCTTGAAG AAATCAAGCT TTCTGTGTAA GTTCACATTT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA
170051 170101 170151 170201 170251 170301 170351	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG	AATAAGCTCT AGTAGCCTTC TITICTIGAAG AAATCAAGCT TICIGIGTAA GITCACATTT CTCAGGATTT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC
170051 170101 170151 170201 170251 170301 170351 170401	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTCGCT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT	AATAAGCTCT AGTAGCCTTC TITICTIGAAG AAATCAAGCT TICIGTGTAA GITCACATTT CTCAGGATTT CGCATTAGGA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC
170051 170101 170151 170201 170251 170301 170351 170401 170451	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTCGCT ATGATTGTGG	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC	AATAAGCTCT AGTAGCCTTC TITICTIGAAG AAATCAAGCT TICIGIGTAA GITCACATTT CTCAGGATTT CGCATTAGGA TIGIGATTGG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA
170051 170101 170151 170201 170251 170301 170351 170401 170451 170501	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG	AATAAGCTCT AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACGTTT CTCAGGATTT CGCATTTAGGA TIGTGATTGG CTAGGAGCCA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA
170051 170101 170151 170201 170251 170301 170351 170401 170451 170501	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA	AATAAGCTCT AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCCTCCT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTGA CAGCAATGGA
170051 170101 170151 170201 170251 170301 170401 170401 170451 170501 170551 170601	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC	AATAAGCTCT AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA ACTCAATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATGGA CTTTGCCAGG
170051 170101 170151 170201 170251 170301 170401 170401 170451 170501 170551 170601	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA	AATAAGCTCT AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA ACTCAATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATGGA CTTTGCCAGG
170051 170101 170151 170201 170251 170301 170401 170401 170551 170501 170651	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC	AATAAGCTCT AGTAGCCTTC TITCTIGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTGA CAGCAATGGA CTTTGCCAGG TTATTGAGGA
170051 170101 170151 170201 170251 170301 170351 170401 170451 170501 170551 170601 170651 170701	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC AAAATCTCTG	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG	AATAAGCTCT AGTAGCCTTC THICTIGAAG AAATCAAGCT TICTGTGTAA GITCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTAGGA TIGTGATTAGGA CTAGGAGCCA CCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT TCAGTTGATT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG AAGGATCCTG AAGGATCCTG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTGCCAGG TTATTGAGGA CAAAAGCCCT
170051 170101 170151 170201 170251 170301 170351 170401 170451 170501 170601 170651 170701 170751	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTGTCC AAAATCTCTG TCGCAGTAGC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTCT GTTGTTTCT CCATTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA	AATAAGCTCT AGTAGCCTTC THICTIGAAG AAATCAAGCT THCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA THGTGGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTCAC TAAAGACTGA CTAGAGACTA CAGCAATGGA CTTTGCCAGG TTATTGACGA CAAAAGCCCT GAGAAGATAT
170051 170101 170151 170201 170251 170301 170351 170401 170451 170551 170601 170651 170701 170751 170801	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA	AATAAGCTCT AGTAGCCTTC THICTIGAAG AAATCAAGCT THICTIGAGA AAATCAAGCT THICTIGATAA GITCACATTT CTCAGGATTT CGCATTAGGA THIGTIGATTGA CTAGGAGCCA CCCCCTCCT CCTIGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGCCCA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTTA CAGCAATGGA CTTTTGCCAGG TTATTGACGA CAAAAGCCCT GAGAAGATTA TGGGACATAGT TGGGACATAGT
170051 170101 170151 170201 170251 170301 170351 170401 170501 170501 170601 170751 170701 170751 170801 170851	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTITTCT GTTGTTTCT GTTGTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTACAG CTTTGCAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA TTCTTTGCTA	AATAAGCTCT AGTAGCCTTC THICTIGAAG AAATCAAGCT THCTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC TCAGTTGATT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACAGGCCA CCCCCAGGAA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC CAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTGA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATTT TGGGACATAG AACTTGCTGG
170051 170101 170151 170201 170251 170301 170351 170401 170501 170501 170601 170751 170701 170751 170801 170851 170901	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTITTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTATC CTTTGCAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA TTCTTTGCTA CAGCAATCTT CAGCAATCTT	AATAAGCTCT AGTAGCCTTC THICTIGAAG AAATCAAGCT THCTIGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTIGTCACAC TCCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCATTTGATT GCACAGGCCA CCCCCAGGAA TTATTGATTG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC CAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG GTACTGCCCGG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTGA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATTT TGGGACATAG AACTTGCTGG TTGTGGTGCA
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170751 170801 170801 170901 170951	TTCCTGGTTT TCACTACGGC TGTCCTGAT AAACTTAACT TGCTTGTATT AGCTTGGCAC CAGCATGACT AGTGTTGGCAC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA GGGCTAACTC	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTITCT GTTGTTTTCT GTTGTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA TTCTTTGCTA TAAGCAGTG ATAAGCAGTG ATAAGCAGTG ATAAGCAGTG ATAAGCAGTG ATAAGCAGTG ATAAAGCAGTG	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTTAA GITCACATTT CTCAGGATTT CGCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCACTTGATT GCACTGGCCA CCCCCAGGAA TTATTGATTG CACCCAGGAGT	AAAATIGTCTT TTTIGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTIG GCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TGGCAAGGTG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTA CAGCAATGGA CTTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTTGGTGCA TTGGTGCA TTGGTGCA TTGGTGCA TTGGTGCA TTGGGACATTAT TGGGACATTAG AACTTGCTGG TTGTTGGTGCA TTGGTGCA TTGGTGCA TTGGTGCA TTGGGGCCTTTTTG
170051 170101 170151 170201 170251 170301 170351 170401 170451 170601 170651 170701 170701 170801 170801 170801 170901 170951	TTCCTGGTTT TCACTACGGC TGTCCTGAT AAACTTAACT TGCTTGTATT AGCTTGGCAC CAGCATGACT AGTGTTGGCAC ATGATTGTGGC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTAGA GGGCTAACTC GCAACTGTAT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GCGTGATACA TTCTTTGCTA CAGCAATCTT ATAAGCAGTG TTATACTCAC	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTTAA GTTCACATTT CTCAGGATTT CGCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCACTTGATT GCACTGGCCA CCCCCAGGAA TTATTGATTG CACCCCAGGAGT TTATGCCCAC	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAATTTTAGC AATGTTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTA CAGCAATGGA CTTTTGCCAGG TTATTTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TTGGGGCTTTTG ATGCAAATTA
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170851 170801 170851 170901 170901 171001 171001	TTCCTGGTTT TCACTACGGC TGTCCTGAT AAACTTAACT TGCTTGTATT AGCTTGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTACA CGCACTTTCA AAGGGTGAGT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GGGTGATACA TTCTTTGCTA CAGCAATCTT ATTAAGCAGTG TTATACTCAC TAACACAAAT	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCACTGATT GCACTGATT GCACTGATT GCACTGATT GCACTGATT GCACTGATT TCAGTTGATT GCACAGGCCA TTATTGATTG CACCCCAGGAA TTATTGATTG TTATTGCCCCAC TGATTCTATG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TTGCCAGGT TTTCATTTAC AAAGGGTAAC	AGGATTTTIG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTGCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TTGTGGTGCA TTGTGGTGCA TTGTGGTGCA TTGCAAATTA TTCTGGGTCA
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170801 170801 170801 170901 170901 171001 171001 171001 171001	TTCCTGGTTT TCACTACGGC TGTCCTGAT AAACTTAACT TGCTTGTATT AGCTTGCAC CAGCATGACT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTTACA CGCAACTGTAT AAGGGTGAGT CGCAACTGTAT AAGGGTGAGT CTGCCATGGA	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTITCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA GCGTGATACA TTCTTTGCTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCACCCCAGGAA TTATTGATTG CACCCCAGGAG TTATTGATTG TTATTGCCCCAC TGATTCTATG AACITTTGAG AACITTTGAG AACITTTGAG AACITTTGAG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TTGCCAGGTTACC CAAGGAT AGAATTCAAG TTGCCAGGTTACC TTGCCAGGTTACC TTGCCAGGTTACC TTGCCAGGTTACC TCATTGCCAT TCATTTAC TCATTGCCAT	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAACTCAC TAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTG CAGCAATTGA CAGCAATTGA CAGCAATTGA CAGCAATTGA CAGCAATTGA CAGCACTTTTGCTGG TTGTTGGTGCA TTGTGGTGCA GACATTTGTC
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170801 170801 170901 170901 171001 171001 171001 171151	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AGTGTTGGCT AAATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAAATCTCTG TCGCAGTAGC GTTTCTATCA CCTAGGAGGG GGGTGTACAC GCGACTGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATG	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CCATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCATCAT ATCTTTGCTA CAGCATCTT ATAAGCAGTG TTAATACTCAC TAACCACAAT AACGGGTGGT GTTCTGGTGG	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTTGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCACCCAGGAA TTATTGATTG CACCCAGGAA TTATTGATTG CACCCAGGAG TTATTGCCCAC TGATTCTATG AACTTTTGAG CAGTGTCTTA	AAAATGTCTT TTTIGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCGG TGGCAAGGTG TTTTCATTTAC AAAGGGTAAC TCATTGCCAT TGCCAATGAG	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC CTAAACTCAC CTAAACTCAC CTAAACTCAC CTAAACTCAC CTAGAGACTA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGGTCA TGGGCTTTTG ATGCCAAATTTA TTCTGGGTCA GACATTTGTC CATTGAGCGC CATTGAGCGC
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170801 170801 170901 170951 171001 171001 171051 171101 171101 171101 171101	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAATTCTTAC CCTAGGAGGG GGTGTTACA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGACTC GCAACTGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AACTGCCATGA AGCTAGAGAT	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGATGTCAG TTGATGTCAG ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG GTTCTGGTGG CGCTTTTGTT	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTIGAAG AAATCAAGCT TICTGTGTAA GTTCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACTTGATT GCACCCAGGAA TTATTGATTG CACCCAGGAA TTATTGCCCAC TGATTCTATG AACTTTTATG AACTTTTTATG CAGTGTCTTA GCCATCTGCT GAGTGTCTTA GCCATCTGCT GCATCTGCT GCATCTGCT GCATCTGCT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCACTTGCCCC CCATCAGAA TTCACTTTAC CAGGATTCAGG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCACTTGCCCC CCATTGCCCC CCCCCCCCC CCCCCCCCC CCCCCCCCCC	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TGGGGCTTTTG ATGCAAATTA TTCTGGGTCA ATGCAAATTA TTCTGGGTCA CAATTTGTCAGCCC AGTTTCTTCA
170051 170101 170151 170201 170251 170301 170351 170401 170451 170601 170651 170701 170801 170801 170901 170901 171001 171001 171001 171051 171101 171151 171201 171251	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAATTCTTAC CCTAGGAGGG GGTGTTACA CCTAGGAGGG GGGTGTTACA CCTAGGAGGG GGGTGACTC GCACTIGTAT AAGGGTGAGT CTGCCATGGA AACTGCCATG AACTGCCATG AGCTAGAGAT CTTTGCCCCA	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTTA AGTTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTIGAAG AAATCAAGCT TICTGTGTAA GITCACATTT CTCAGGATTT CGCATTAGGA TIGIGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACCCAGGAA TTATTGATTG CACCCAGGAA TTATTGCCCAC TGATTCTATG AACTTTTTATG CAGTGTCTTA GCCATCTGCT ATCCTGTTTT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCGT TTCACTTTAC AAAGGGTAAC TTCATTTAC AAAGGGTAAC TCATTGCCAT TGCCAATGAG GGCTTTGGCCAGAA	AGGATTTTTG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTA CAGCAATGGA CTAGAGACTA CAGCAATGGA CTAGAGACTA CAGCAATGGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TGGGGCTTTTG ATGCAAATTA TTCTGGGTCA GACATTTGTC CATTGAGCGC AGTTTCTTCA GTTTTTCACC
170051 170101 170151 170201 170251 170301 170351 170401 170551 170601 170651 170701 170751 170801 170901 170951 171001 171051 171101 171101 171101 171101 171101 171101 1711201 171201 171201	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGG ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAATTCTTAC CCTAGGAGGG GGTGTTACA CCTAGGAGGG GGGTGACTC GCACTGCATTA AAGGGTGAGT CTGCCATGGA AACTGCCATG AACTGCCATG AGCTAGAGAT CTTTGCCCCA AGAAACAAG	CCCTGTGGTT TTAATCTAAT ATTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACCACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGGTGG CGCTTTTGTT	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTIGAAG AAATCAAGCT TICTGTGTAA GITCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTGG CTAGGAGCCA GCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA CCCCAGGAA TTATTGATTG CACCCAGGAG TTATTGCCCAC TGATTCTATG AACTTTTATG AACTTTTTATG CAGTGTCTTA GCCATCTGCT ATCCTGCTT ATCCCTACCTT CTCCTACCTT CTCCTACCTT CTCCTACCTT CTCCTACCTT CTCCTACCTT CTCTACCTT CTCTACCT CTCTACCT CTCTACCTT CTCTACCTT CTCTACCTT CTCTACCTT CTCTACCT CTCTACCT CTCTACCT CTCTACCT	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGT TTTCATTTAC AAAGGGTAAC TCATTTGCCAT TGCCAATGAG GGCTTTGCCCC GTTCAGCAGA ATTCCCCCCT	AGGATTTTIG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAACTCAC TAAAGACTGA CTAGAGACTGA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TGGGGCTTTTG ATGCAAATTA TTCTGGGTCA TTGTGGTCA GACATTTGTCAC CATTTGAGCCC AGTTTCTTCA GTTTTTCACC CAGAGATTAG
170051 170101 170151 170201 170251 170301 170351 170401 170451 170601 170651 170601 170751 170801 170851 170901 170951 171001 171101 171101 171101 171151 171201 171251 171301 171351	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTCGCAC CAGCATGACT AGTGTTGGCT ATGATTGTGC ATGATTGTGC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC AAATTCTTAC CCTAGGAGGG GGTGTTAGA CCTAGGAGGG GGGTGACTC GCAACTGCATT AAGGGTGAGT CTGCCATGGA AACTGCCATG AGCTGGAGT AGCTTAGAGAGT CTTGCCATGGA AACTGCCATG AGCTTAGAGAGT CTTTGCCCCA AGAAAACAAG AAACTCCTCC	CCCTGTGGTT TTAATCTAAT ATTAGATATA ACTTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGTTGGT TGTTGGTGG TCTTGTTGGT TTGTTGGTTG	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC TITCTIGAAG AAATCAAGCT TICTGTGTAA GITCACATTT CTCAGGATTT CGCATTAGGA TIGTGATTAGGA CTCATCTAAT TCAGTTGATT GCATTTGATT GCATTTGATT GCACGGCCA CCCCCAGGAA TTATTGATTG CACCCAGGAG TTATTGATTG CACCTAGTTTT CCCTACCTT AGGGCTGCAG	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGTGG GCCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCATTGCCCA GGCTTTGGCC GTTCAGCAGA ATTCCCCCCT ATGGGCACAG	AGGATTTTIG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAACAC CTAAACTCAC TAAAGACTGA CTGAGAGACTA CAGCAATGGA CTTTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAG AACTTGCTGG TTGTGGTGCA TGGGCTTTTG ATGCAAATTA TTCTGGGTCA GACATTTGTC CATTGAGCGC AGTTTTTCACC CAGAGATTAG GTCTATCTTC
170051 170101 170101 170201 170201 170301 170301 170401 170451 170601 170651 170601 170701 170701 170851 170901 170951 171001 171051 171101 171151 171201 171151 171201 171351 171301 171351 171301	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTGSCAC CAGCATGACT AGTGTTGGCT ATGATTGTGGC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC GCACTGACT GCAACTGACT GCAACTGTATA AGGGTGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGT CTTTGCCCCC AGAAAACACG AGAAAACACG AAACTCCCC TGTAAGTGCT	CCCTGTGGTT TTAATCTAAT ATTAGATATA ACATTTTCT GTTGTTTTCT CCATTTGTTTA AGGTTGTTTCT CCATTTGTTA AGGTTGTCAC TTGATGTCAC TTGATGTCAC TTGATGTCAC ATGTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGGTTGGT TTGTGGACTAG TCTTGGTTGGT TTGTGGACTAG TCTTGTTGGT TTGTGGACTAG TTTAATCTTAA TTCTGCTGAT	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC AGTAGCCTTC AGTAGCCTTTCTGAGG AAATCAAGCT TTCTGTGTAA GTTCACATTT CCCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA ACTATTGATT GCACAGGCAA TTATTGATTG CACCCAGGAG TTATTGATTGAT CACCTACTTT AGGGCTGCAG TTTATTAAACA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGGA GCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCATTGCCAT TGCCAATGAG GGCTTTGCCAT TGCCAATGAG GGCTTTGCCAT TGCCAATGAG TTCATTGCCAT TGCCAATGAG AATTCCACCAT TGCCAATGAG TAGCTCTGC TTCAGCAGA ATTCCCCCCT ATGGGCACAG TAGGCTCTGC	AGGATTTTIG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATGGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAT TGGGACATTAG TTGTGGTGCA TGGGCTTTTIG ATGCAAATTA TTCTGGGTCA GACATTTGTC CATTGAGCGC AGTTTTTCAC GTTTTTCAC CAGAGGATTAG GTCTATCTTC CTAGCATGGG GTCTATCTTC CTAGCATGGG
170051 170101 170101 170201 170201 170301 170301 170401 170451 170601 170651 170601 170701 170701 170851 170901 170951 171001 171051 171101 171151 171201 171151 171201 171351 171301 171351 171301	TTCCTGGTTT TCACTACGGC TGTCCTCGAT AAACTTAACT TGCTTGTATT AGCTTGSCAC CAGCATGACT AGTGTTGGCT ATGATTGTGGC ATTTCCTTAC CCCACATTCC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC AAACTCCATT AAATTTGTCC GCACTGACT GCAACTGACT GCAACTGTATA AGGGTGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGT CTGCCATGGA AACTGCCATG AGCTAGGAGT CTTTGCCCCC AGAAAACACG AGAAAACACG AAACTCCCC TGTAAGTGCT	CCCTGTGGTT TTAATCTAAT ATTAGATATA ACTTAGATATA GCATTTTCT GTTGTTTTCT GTTGTTTTCT CACATTTGTCTG AGACTGCATT CACAGCTCAC TTGATGTCAG TTGCCACACA ATGTTTTATC CTTTGGAGGG GACCTTGAAG ACCTAGATTA CAGCAATCTT ATAAGCAGTG TTATACTCAC TAACACAAAT AACGGGTGGT GTTCTGGTGG CGCTTTTGTT TGTGGACTAG TCTTGTTGGT TGTTGGTGG TCTTGTTGGT TTGTTGGTTG	AATAAGCTCT AGTAGCCTTC AGTAGCCTTC AGTAGCCTTC AGTAGCCTTTCTGAGG AAATCAAGCT TTCTGTGTAA GTTCACATTT CCCATTTAGGA TTGTGATTGG CTAGGAGCCA GCCCCCTCCT CCTGTCACAC CTCATCTAAT TCAGTTGATT GCATTTGATT GCACAGGCCA ACTATTGATT GCACAGGCAA TTATTGATTG CACCCAGGAG TTATTGATTGAT CACCTACTTT AGGGCTGCAG TTTATTAAACA	AAAATGTCTT TTTGGCTTCC TAGGATGTAA GTCTGACTTG CAAATTACCA CTTAGGTTAG AAACTAAAGA GCTCATGTTT GGCTGAGAAC CTCCCAGCTC CCATCAGAAA TTCAAATTTC GAGGTTAGCC AAGGATCCTG GAATAAGGA GCCCAGAAT AGAATTCAAG GTACTGCCCG TGGCAAGGTG TTTCATTTAC AAAGGGTAAC TCATTGCCAT TGCCAATGAG GGCTTTGCCAT TGCCAATGAG GGCTTTGCCAT TGCCAATGAG TTCATTGCCAT TGCCAATGAG AATTCCACCAT TGCCAATGAG TAGCTCTGC TTCAGCAGA ATTCCCCCCT ATGGGCACAG TAGGCTCTGC	AGGATTTTIG TAATGTTGGG GGCTTACAGT GCCTGTTTAG CAAATTTAGC AATGTGGGCA CTGAAAACAC CTAAAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTGA CTAGAGACTTA CAGCAATGGA CTATTGCCAGG TTATTGAGGA CAAAAGCCCT GAGAAGATAT TGGGACATAT TGGGACATTAG TTGTGGTGCA TGGGCTTTTIG ATGCAAATTA TTCTGGGTCA GACATTTGTC CATTGAGCGC AGTTTTTCAC GTTTTTCAC CAGAGGATTAG GTCTATCTTC CTAGCATGGG GTCTATCTTC CTAGCATGGG

			AGATAAGATG		
171551	CATCATCTTT	ATGITGACTT	TAGAAGATAC	<b>AAACTITAGT</b>	AGGAGGTTAA
171601	ACAAGAAAAT	TACAATTATA	AGGAAGAGAA	AACTTAATGC	TCCTATGCCC
			TATCIGIGIG		
			GTTATGGTGT		
1/1/51	GACTIGCAAG	AAACAGGIII	AATCCTGGAC	AGCIGIAICC	AGCIAGIGAI
171801	TCTCTAATGT	TTGACAGCAG	TGGAGGTCCT	TAACAATACC	TGATAGGGGT
171851	CCTTCCATTT	TGGGTTGTAA	TTGATCATCA	<b>GGGGATCTTT</b>	CITTITAAGT
171901	TCTTAGTAAG	ACTAAGTCTG	<b>GTTAAACAGA</b>	<b>GGAACTATTT</b>	TITICITIGI
			TTTCATAATT		
			GGGTGGCATA		
1/2021	TATTICCAT	CATGGCTTGA	ATTAGTTTTT	IAGGITICIG	IAGGATTICC
172101	TTTGGCCGGG	GAACGTGTAA	GTCAAAAGAC	TTATAGCCAA	TTAAACATTT
172151	TAGGCCAGAG	AGGAATGGAG	GTGGCTTAAA	<b>ACATTTTAAG</b>	CAATATAGGA
			<b>AATAAGATTA</b>		
172251	CCATCAAATC	AACCTATACT	GGGGGAAAAG	TETTOTETA	GATCTCTAAG
172221	CCAAAACACT	CTACTATCAC	GCCATAACAG	CACTCACAAC	CACACCACAA
1/2301	GCAAAACACI	CIAGIATOAG	GCCATAACAG	CAGICAGAAC	TACACAAATS
T/532T	ACAAGTCACA	GGAGCTGACA	AAAAAGCTAA	AGGAAAGAGI	TACACAGATC
172401	TGAGAAGCTT	TCAAAAGAAA	TAAATCACAG	AATTGAAAAA	GCAAAAATTC
172451	<b>TGGTAAGTTA</b>	<b>GCAAATTAAT</b>	<b>ACCTTAAGAA</b>	AAGCTGGCTC	TAACACCTAG
			CCACGAACAG		
			CCCCTCACAA		
			CCATGACATG		
			ACAACCAGTT		
			ATACAAAATC		
<i>172751</i>	CACAAAAAA	AAAAAAAAA	<b>AAAAAAA</b> TAT	<b>ATATATATAT</b>	ATATGTGTGT
172801	<b>GIGIGIGIAT</b>	<b>ATATATATAT</b>	<b>ATCITITATC</b>	CACACTTTCC	TCACATCCCT
172851	CTTTTATIC	ATTGATTCCC	TCTTATTTTG	AACCATGGCC	TAAATGTGCT
172001	CTATATATTC	TCTACTTATC	GTGGGGAAAG	TECCTTCACT	ATTTACTCAT
			TTTAATTCAT		
			TTTAACTATA		
173051	<b>ATATATACTG</b>	TATCAAAAGT	<b>GTATGTCCTT</b>	GTCAAGTTCT	CTAAAGTTTG
173101	TGAAATACAA	GAGAATATGC	<b>AGTAAAATTT</b>	TAAGTCTGTT	TCCTTTCCAG
			TACTGTGGAA		
172201	ACTACTATAA	ACTICITIES	ACACTTGTAT	CATTACCACC	TAATCTTCAA
			GTAGAAACAA		
			GAAGTAAAGA		
173351	TTGTCTGGAA	GAAACTGTAG	TAGGAATAAA	AGAGGCGACG	AAGAGTTAAA
173401	<b>GTACATTITA</b>	TGTTTTTAGG	CTAAAACTGA	TTAAAAAAAA	AAGATCATTG
			TATATAGTGT		
			TTAGCTAGCA		
			GITATGATGA		
173601	ACAAGGAGAA	TTCCTGGACT	GTCACAGGAG	TGAAATTGAT	ATCATTAIGE
173651	TACCCATGTG	TTGTGCATAT	TTAGTGTCTC	TTTTTGACAG	TATTTCAGTT
173701	TCATGTCTTC	TGGGGAGACT	AAAGCCAAAG	TTTCTTGGGG	
					ATTCIGGIGI
TO DOOT	CTTCCTATCT			<b>AGAACTGCGT</b>	TATTTTACTC
172051	CTIGCTATGT	CACATTTACA	TGTCAGACTC	AGAACTGCGT ATTTGCTGTG	TATTTTACTC ATGTAGCACA
173851	CTAGGCTGGT	CACATTTACA GAAATAATTG	TGTCAGACTC CTTGTGATGT	AGAACTGCGT ATTTGCTGTG CCCTAAATCC	TATTTTACTC ATGTAGCACA CCGAGGCTTT
173901	CTAGGCTGGT	CACATTTACA GAAATAATTG CTGCTTAGAT	TGTCAGACTC CTTGTGATGT AGTGAAGAGA	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT	TATTTTACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA
173901 173951	CTAGGCTGGT TTTCTACCTC GTGTTCATTT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT CGGTAGGACA	TATTTTACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT
173901 173951	CTAGGCTGGT TTTCTACCTC GTGTTCATTT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG	TGTCAGACTC CTTGTGATGT AGTGAAGAGA	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT CGGTAGGACA	TATTTTACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT
173901 173951 174001	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT CGGTAGGACA TTGTCTTTAG	TATTITACTC ATIGTAGCACA CCGAGGCTTT GCGTCCTCTA GATIGAAGATT ATIGATTIGCT
173901 173951 174001 174051	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG AGTAGGCTCA CATCAGGAGA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA
173901 173951 174001 174051 174101	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TTTATTAATG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT	TIGTCAGACTC CTTIGTIGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTICA CATCAGGAGA AATAGTTIAAA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT
173901 173951 174001 174051 174101 174151	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TTTATTAATG ATGTTGTTCA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA	TIGTCAGACTC CTTIGTIGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTICA CATCAGGAGA AATAGTTIAAA CTIGCTIGTIGTIG	AGAACTIGCGT ATTTIGCTGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCTTTAG	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG
173901 173951 174001 174051 174101 174151 174201	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TTTATTAATG ATGTTGTTCA TCCATGACAT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACATT	TIGTCAGACTIC CTTIGTIGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTICA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTICTTIGAAT	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT TGCCCCATTTAG CTTAAGGAAA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGGAATTT AAGTGTCCAG ACATGATCAT
173901 173951 174001 174051 174101 174151 174201 174251	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TTTATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAT TCGGGTGATA	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTAGGCTICA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTICTTIGAAT AGCATIGCCTIC	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCATTTAG CTTAAGGAAA AAATAGTTT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG
173901 173951 174001 174051 174101 174151 174201 174251 174301	CTAGGCTGGT TTTCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TTTATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAAT TCGGGTGATA AATTCAGTTT	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTAGGCTICA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTICTTIGAAT AGCATIGCCTIC ATTTIGGGTAC	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAACT TGCCCAAACT GCCCCTTTAG CTTAAGGAAA AAATAGTTT TTTTAGTACG	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351	CTAGGCTGGT TITICTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTCGGGTGATA AATTCAGTTT CTCCTAATAA	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATIGCCTIC ATTTIGGGTAC GAACTATTAA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCCTTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATTCCCTAG
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351	CTAGGCTGGT TITICTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTCGGGTGATA AATTCAGTTT CTCCTAATAA	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATIGCCTIC ATTTIGGGTAC GAACTATTAA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCCTTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATTCCCTAG
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401	CTAGGCTGGT TITICTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAAACC	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATIGCCTIC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCATACT GCCCCATACT GCCCCATAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174451	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTC AATATCATTC ATTATAACAAG CGTATAAACC TTTACTTTAA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACATT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TGCCCAAACT GCCCCCTTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTIGAG	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGT GATACCTACT TTATTCCCTAG CTTCAAAAAT AAAATTGTG
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174451 174501	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAAACC TTTACTTTAA AAAGATATGT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACATT TCGGGTGATA AATTCAGTTT CTCCTAATAA AATTCAGTT GCCATCTATG AGAAGTCTTA	TIGTCAGACTIC CTTIGTGATIGT AGTGAAGAGA TIGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG AATAATTTTIG AATAATTTTIG AATAATTTTIG	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CCGGTAGGACA TTIGTICTTTAG GTTTAGAAAC TCGCCCATTTAG CTTAAGGAAA AAAATAGGTTT TTTTTAGTACGA ATTTIGAAGGA CCCAATTGAG GTTTCAGGAT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCGT GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174401 174451 174501 174551	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACAC CTTTACTTTA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACATT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTGCTGTGTG TGTCTTGAAT AGCATGCCTC ATTTGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTG AATAATTTTG GATAGAAT AGTAGTAGAA	AGAACTIGCGT ATTTIGCTGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TGCCCAAACT GCCCCTTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACGA ATTTGAAGGA CCCAATTGAG GTTTCAGGAT TGGCATTAAT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTTACT TTATCCCTACT TTATCCCTACT TTATTCCCTACT TATTTCTAT TTTTCCTTACA
173901 173951 174001 174051 174101 174151 174201 174251 174301 174451 174451 174501 174551 174601	CTAGGCTGGT TITICTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAACAAG CGTATAACAAG CGTATAACAT TGTTGTTA TGTTGTTA GTTTTTCTGG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTGCTGTGTG TGTCTTGAAT AGCATGCCTC ATTTGGGTAC GAACTATTAA GTAGTAGGAA GAAAGATTG AATAATTTTG GGTAGTAAAT ATGCTTAATG	AGAACTIGCGT ATTTIGCTGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TGCCCAAACT GCCCCTTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTAGGA ATTTGAAGGA ATTTGAAGGA CCCAATTIGAG GTTTCAGGAT TGGCATTAAT AGCTAAATAA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT TTTCCTTACA GACATAACAT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174451 174451 174501 174551 174601 174651	CTAGGCTGGT TITICTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAACAAG CGTATAACAAG CGTATAACAT TGTTGTGTTA GTTTTCTGG TTTGTTTTCTG	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA AGACTCATGGA AAGAGGAAAT TACATTGTTG AGAATTGTTG AGAATTGTTG AGAATTGTTG	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTGCTGTGTG TGTCTTGAAT AGCATGCCTC ATTTGGGTAC GAACTATTAA GTAGGAA GAAAAGATTTTG GGTAGTAAAT ATGCTTAATG CAAATTGAAG	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGGAAAC TIGCCCCAAACT GCCCCTTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTTIGAAGGA ATTTIGAAGGA CCCAATTIGAG GTTTCAGGAT TIGGGATTAAT AGCTAAATAA TTIGGGTTTTIG	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TITTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT TTTTCCTTACA GACATAACAT TIGTTTGTT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174451 174451 174501 174551 174601 174651 174701	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACAC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTCTGG TTTGTTTTCTGG TTTTGTTTCTGG TTTTGTGAGAT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGTTG GCAGGTCTGG	TIGTCAGACTIC CTTIGTIGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTCTTIGAAT AGCATIGCCTIC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GATAGATAAT ATTIGCTTAATIG GGTAGTAAAT ATTIGCTTAATIG CAAATTIGAAG CAAATTIGAAG CTIGTTIGCC	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCATTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTTIGAGGAT TIGGCATTAATAA TTGGGTTTTIG AGGCTGAAGT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTCCTTACA TATTTCCTTACA TATTTCCTTACA TATTTCCTTACA TTTTTCCTTACA TTTTTCCTTACA GACATAACAT TTGTTTTTTTTTT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174451 174451 174501 174551 174601 174651 174701	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACAC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTCTGG TTTGTTTTCTGG TTTTGTTTCTGG TTTTGTGAGAT	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAA TTTATACAT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGTTG GCAGGTCTGG	TIGTCAGACTIC CTTIGTIGATIGT AGTIGAAGAGA TIGATAGGATIG AGTIAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTCTTIGAAT AGCATIGCCTIC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GATAGATAAT ATTIGCTTAATIG GGTAGTAAAT ATTIGCTTAATIG CAAATTIGAAG CAAATTIGAAG CTIGTTIGCC	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT GCCCCATTTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTTIGAGGAT TIGGCATTAATAA TTGGGTTTTIG AGGCTGAAGT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTCCTTACA TATTTCCTTACA TATTTCCTTACA TATTTCCTTACA TTTTTCCTTACA TTTTTCCTTACA GACATAACAT TTGTTTTTTTTTT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174451 174501 174601 174601 174651 174701 174751	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCAT GATGGTCAT ATGAGACAT GTCTTCTTC AATATCATTG ATATAACAAG CGTATAAACC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTGTGTTA GTTTTGTGTTA GTTTTGAGAT TTTCACAGATC	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATTGCCCAAAT TTGTTAACAA TTTTATACAT TCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGTT TACATTTTACATTT AGACTCATGGA AAGAGGAAAT TACATTGTTGG ATTAAGTTGT	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GATAGTAAT ATGCTTAATIG GGTAGTAAT ATGCTTAATIG CAAATTIGAG CAAATTIGAG CAGCCTTAA	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAAACT TIGCCCATTAG CTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTIGAG GTTTCAGGAT TIGGCATTAAT AGCTAAATTAAT AGCTAAATTAAT AGCTAAATTAA AGCTAAAGT AGCTGAAGT ACCTTTIGGAC	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCCTTAT TTTCCTTACA GACATAACAT TTTGTTTTTTTTTT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174451 174601 174651 174701 174751 174701	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCAT TATTAATG ATGTTCAT TCCATGACAT GTCTTCTTC AATATCTTTG ATATAACAAG CGTATAAACC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTCTG TTTGTGTTA GTTTTTCTG TTTTGAGAT TTCACAGATC TCCTGCCTCA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATTGCCCAAAT TTGTTAACAAT TTGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGTG GCAGGTCTGG GCAGGTCTGGA	TIGTCAGACTIC CTTIGTGATIGT AGTIGAAGAGA TIGATAGGATIG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGTIG TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GAATAGTTAATIG CAAATTIGAGT CAAATTIGAAT ATGCTTAATIG CAAATTIGAAG CAGCCTTAA TAGCTAAGAT	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAAC TIGCCCAATTAG CCTCAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTIGAG GTTTCAGGAT TIGGCATTAAT AGCTAAATTAAT AGCTAAATTAAT AGGCTGAAGT ACCTTTIGGAC TATAGGTGTG TATAGGTGTGAC TATAGGTGTGAC TATAGGTGTG	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTTAT TTTCCTTACA GACATAACAT TTGTTTACT TTGTTTGCTTACA GACATAACAT TTGTTTGTTT GCAGTGTCTA TCAAGCAATC CACCACAGCA
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174651 174601 174651 174701 174701 174701 174751 174801 174801 174851	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTTCTG GTTTTGAGAT TTCACAGATC TCCTGCCTCA TCCAGCCTTAA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTGTTAACAAT TTCGGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGTTG GCAGGTTCTGG ATTAAGTTTG GCAGGTTCTGG ATTAAGTTTG GCCTCCCAAG AATTTAGTTT	TIGTCAGACTIC CTTIGTGATGT AGTGAAGAGA TIGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GATAAAT ATGCTTAATIG CAAATTIGAGT CAAATTIGAGC CTIGTIGTIGC CAACTTAATIG CAAATTIGAGC CTIGTIGTIGC CAGCCTTAA TAGCTAAGAT TICTAGAAAGT TICTAGAAAGT	AGAACTIGCGT ATTTIGCTIGTIG CCCTAAATCC AGTTIGAAGTT CGGTAGGACA TTIGTCTTTAG GTTTAGAAACT GCCCCATTATAG CCTTAAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTIGAAGGA CCCAATTIGAG GTTTCAGGAT TGGCATTAAT AGCTAAATAA TTIGGGTTTTIG AGGCTGAAGT ACCTTTIGGAC TATAGGTGTG TTTATGACAT	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT TTTCCTTACA GACATAACAT TIGTTTGTTT GCAGTGTCTA TCAGGCAATC CACCACAGCA GGGGAAAAGT
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174551 174601 174651 174701 174751 174701 174751 174801 174851 174801 174851 174901	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTTCTGG TTTTGTGTTA TTTCACAGAT TCCAGCTTAA TCCAGCTTAA TAATTAACAA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTGTTAACAAT TTGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGT GCAGGTCTGG ATTAAGTTGT GCCTCCCAAG AATTTAGTTT TATTTAGGAA	TGTCAGACTC CTTGTGATGT AGTGAAGAGA TGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTGCTGTGTG TGTCTTGAAT AGCATGCCTC ATTTGGGTAC GAACTATTAA GTAGTAGGAA GAAAGATTG AATAATTTTG GGTAGTAAAT ATGCTTAATG CAAATTGAAG CTGTGTTGCC GCAGCCTTAA TAGCTAAGAT TCTAGAAAGT TGTCCACAAA	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT CGGTAGGACA TTGTCTTTAG GTTTAGAAAC TGCCCAAACT GCCCCATTAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTGAAGGA ATTTGAAGGA CCCAATTGAG GTTTCAGGAT TGGCATTAAT AGCTAAATAA TTGGGTTTTG AGGCTGAAGT ACCTTTGGAC TATAGGTGTG TTTATGACAT TAAAAAGCTA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT TTTCCTTACA GACATAACAT TTGTTTGTTT GCAGTGTCTA TCAAGCAATC CACCACAGCA GGGGAAAAGT AATATACGTA
173901 173951 174001 174051 174101 174151 174201 174251 174301 174351 174401 174551 174601 174651 174701 174751 174701 174751 174801 174851 174801 174851 174901	CTAGGCTGGT TITCTACCTC GTGTTCATTT AATGAGATTG GATGGTCTGG TITATTAATG ATGTTGTTCA TCCATGACAT GTCTTCTTTC AATATCTTTG ATATAACAAG CGTATAAACC TITACTTTAA AAAGATATGT TGTTGTGTTA GTTTTTCTGG TTTTGTGTTA TTTCACAGAT TCCAGCTTAA TCCAGCTTAA TAATTAACAA	CACATTTACA GAAATAATTG CTGCTTAGAT TGCGTAAGAG TGTGATATCA ATTTGCTTAG ATGCCCAAAT TTGTTAACAAT TTGTTAACAAT TTGGTGATA AATTCAGTTT CTCCTAATAA TAGTTTTCTT GCCATCTATG AGAAGTCTTA GACTCATGGA AAGAGGAAAT TACATTGT GCAGGTCTGG ATTAAGTTGT GCCTCCCAAG AATTTAGTTT TATTTAGGAA	TIGTCAGACTIC CTTIGTGATGT AGTGAAGAGA TIGATAGGATG AGTAGGCTCA CATCAGGAGA AATAGTTAAA CTIGCTIGTIGT TIGTCTTIGAAT AGCATGCCTC ATTTIGGGTAC GAACTATTAA GTAGTAGGAA GAAAAGATTIG GATAAAT ATGCTTAATIG CAAATTIGAGT CAAATTIGAGC CTIGTIGTIGC CAACTTAATIG CAAATTIGAGC CTIGTIGTIGC CAGCCTTAA TAGCTAAGAT TICTAGAAAGT TICTAGAAAGT	AGAACTGCGT ATTTGCTGTG CCCTAAATCC AGTTGAAGTT CGGTAGGACA TTGTCTTTAG GTTTAGAAAC TGCCCAAACT GCCCCATTAGGAAA AAAATAGTTT TTTTAGTACG ATTATAAGCA ATTTGAAGGA ATTTGAAGGA CCCAATTGAG GTTTCAGGAT TGGCATTAAT AGCTAAATAA TTGGGTTTTG AGGCTGAAGT ACCTTTGGAC TATAGGTGTG TTTATGACAT TAAAAAGCTA	TATTITACTC ATGTAGCACA CCGAGGCTTT GCGTCCTCTA GATGAAGATT ATTGATTGCT AAACAACTAA TTTGGAATTT AAGTGTCCAG ACATGATCAT TAATTCTGTG GATACCTACT TTATCCCTAG CTTCAAAAAT AAAAATTGTG TATTTTCTAT TTTCCTTACA GACATAACAT TTGTTTGTTT GCAGTGTCTA TCAAGCAATC CACCACAGCA GGGGAAAAGT AATATACGTA

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175001	GCTACAAATG	TTTCTTCATT	CTCCATTTTT	<b>CCTAGTTATA</b>	ACTATTGCTC
	TICTAATATT				
	CAAGGACTAA				
175151	CCCAAAAGTA	TTTAAGGAAT	GGATGCCTAT	TAATCTTTCA	CATIGITIAT
	CAAAATGATG				
	AAGCCTCCTG				
	AGACTICTCAT				
	TTTTAAAAC				
	TTCTATGGCA				
	GAGATCAGAG				
	ACTICATITIC				
	AGACCATGGC				
	CCATTGTCTA				
	GTCCTCATAA				
	GTTTGICTG				
	AGACTTATGG				
	AAAGTTTCCT				
	GCCTTTAATG				
	TAAAAAAGAT				
	CAACATGTTG				
	<b>GCTATTTAAC</b>				
	<b>GGACACTTAA</b>				
176151	TTAACGATAG	TCACCCTACA	<b>GTACAATAGA</b>	CCTCTTGAAC	TTATTTCTCC
176201	TGTTTAACTG	<b>AAGGTTTGTA</b>	TCCTTTGACC	AATTTCTTCC	CAACTCCCTT
	AGACCTCCAG				
	CGACTTTTTA				
176351	CTTTGTCTGG	CTTATTTCAC	TTAGCATAAT	GTCCTCCAGG	TTGATCCATA
	TTGTCACAAA				
	TTCTGTATAC				
	TTAGGTTGAT				
	GGAGTGCAGA ACTCAATAGT				
	TAGGAACTTC				
	ACCAACAGTG				
	TCTTTCATGT				
	CATTGTGGTT				
176851	TAAAAAATAT	ACCTGTTGGC	<b>TATTTGTATG</b>	<b>TCTTCTGAGA</b>	AATGTCTATT
	CAGGTCTTTT				
	TTATAAATTT				
	AAACATATTC				
	ccrrrecter				
	TITICITIIG				
	CAGGCCAGTG				
	CAGAGTTTTT				
	CTGAAGATAC				
177351	TAAATAATAG	TAGGGAGGCT	GAATTAACTT	ATTTCAAGCA	TACACCATCC
177401	CCTCTTGAAA	<b>GCTCTCTTAA</b>	TCTTTAATTT	TTTAAAATAC	ATTITCTTCC
177451	ACTAAATACT	TATTTTTCC	AACTGACTCC	CTAAAACTCA	TAAATCTACA
	ATTGTTATTA				
	AAAGTTCCAT				
	TTAGTATTTA				
	AAGATTCTGT				
	CAACGTGAAT AATACATGTT				
	AGACTGGAGA				
	CACTGACACC				
177901	TATTCACCCA	CACTGATGGG	GAACTATTAA	TTCACGAAAT	AGACCATTTC
	ATTTTIGIGT				
178001	TGTTTGTCTC	CCTAAACCCCT	CTATACCTCT	ACCTGATTTT	ATTCCAAAGT
	CTGTAAAGAG				
178101	TTAAAACTGT	TAGTTATCTT	GTCTTTACAC	TTTATCTCAC	TAACCAGTCT
	TITIGITITIC				
	CCGTCTAAAG				
	TCTGAAGTTG				
170204	ATCACTACAC				
	ATCAGTACAC				
178351	<b>GCTTCTCCTA</b>	ATGCATTCCA	<b>GGATTTTGTT</b>	AGCTTTGTTG	TCAGCTGCAC
178351 178401		ATGCATTCCA CTATTGAATA	GGATTTTGTT AAGTCATCAG	AGCTTTGTTG GAGCAACAAC	TCAGCTGCAC AAAGGTGAAA

				00,10.	
178501	<b>GCTTGTGCAG</b>	TTAATTTGAT	TTAAGTTTCA	GCAACTGAGG	CACAATATAT
178551	<b>ACCAGATATA</b>	GAAGTTATCC	TCCAAAATTA	<b>GCTCCTCTAA</b>	GTTTCTCCTA
178601	CTTTTCACAT	GATTCCCAGA	TATTCTTTTC	TTTAAGTCCA	AGTGATTTCC
178651	CAATTATTTC	CATGGCTATG	<b>GCTACAAAGG</b>	<b>CTTTAGGCCA</b>	TAGGAATAGA
178701	<b>GGAATTTATT</b>	CTTACTAAAT	TCATCTTATT	<b>AGATTTGATT</b>	AATCTTCCCA
178751	ACTTGTCAAC	TGTGGGATCT	TGTTCTGTC	ATTCTCTATG	TATTICTTIA
	TTCATTGATA				
	ATAGCTTTCT				
	ATCTAGGTGA				
	ATGTTCTGAA				
	GAGATTATTT				
	AATACTATCT				
	TAAGAGTGAG				
	ACCAMAGTTT				
	TCTAGTTTGA				
	AGCTTTAAGA				
	GAGTTTIGTA				
	CAGACCTTCC				
	AACATTGGAA				
	GGTCTGGAG				
	TAGGGGCCAG				
	CAGAAACAAG				
	TAGTTTCTGA				
	AATTTATCCT				
	ATAATCTTTG				
	CAGAGACAGA				
	TTACCAAACA				
	TTTTTAGGTA				
	TTCAAACAGA				
	TTAACCATGT				
	ATCAGCCTTT				
	AAGTACACCT GAACTTGTTG				
	GCAATATTTT				
	TGAATGTAAA				
	TAAAGTTGAA				
180351	<b>AATGCTCCTA</b>	GAATCTCATG	TTTGAGAACG	<b>AATGTTCAGT</b>	GTAGCCAAAA
180401	CCTAAATCTG	<b>GGGCTATATG</b>	TTGAATGTTT	TAAAGTCACT	AGTAGAAGGG
	CAATTTGGTG				
	GIGTCATTTT				
	<b>जजजजज</b>				
	GAAAACCTAG				
	CACATGCGTC				
	CITCICIGIT				
	ACACAAGATG				
180851	TGCGTTTAGA	GGCTCCCCCT	TATTTATCCA	AAGAGCAGCT	TAAAGAAATG
180901	<b>AATGAAACTG</b>	<b>GCTTTGCTTT</b>	<b>AAGAGATAAT</b>	<b>AGTTGAAGAA</b>	AAGCAAGAGA
	GGGGCCTC				
	്യാ				
	GAAAGTTGAA				
	AAGTCTATGC				
	TATGAGCACT ATTGTGCAAG				
			Control		1 1/4/4/4/4/1
		CATTCAGCCAG	TICTACTACCT		TTTAACTCAT
181301			TGTAGTAGCT	TTATTCATAA	
	ACTGTTTCAT	TTTTAAAAAT	ACACAAGTTT	TTATTCATAA CTTACATATA	<b>GTTAAATATA</b>
181351		TTTTAAAAAT AGTATCCGAC	ACACAAGTTT AATCTCAGTC	TTATTCATAA CTTACATATA CTAGGTATTT	GTTAAATATA ACCCAAGAAA
181351 181401 181451	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA
181351 181401 181451 181501	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA	TTATTCATAA CITACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA
181351 181401 181451 181501 181551	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT
181351 181401 181451 181501 181551 181601	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA AAAAGACTAT	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA
181351 181401 181451 181501 181551 181601 181651	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAGG	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATTGGATA AAAAGACTAT AGTTCGGGGA	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAATTTCAC
181351 181401 181451 181501 181551 181601 181651 181701	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAGG CACAGAGCAG	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC CAATGGGAAA	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATTGGATA AAAAGACTAT AGTTCGGGGA CTTTTTTGGAA	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG TGATGTAGAT	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAATTTCAC ATTCTATATC
181351 181401 181451 181501 181551 181601 181651 181701 181751	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAGG CACAGAGCAG TTGGCTGTAG	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC CAATGGGAAA TGGTGATTAC	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA AAAAGACTAT AGTTCGGGGA CTTTTTTGGAA AGGACTGCAT	TTATTCATAA CITACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG TGATGTAGAT ATACAGGAT	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAATTTCAC ATTCTATATC ACCTCGTTAT
181351 181401 181451 181501 181551 181601 181651 181701 181751 181801	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAG CACAGAGCAG ATTGTGTAG ATTGTGGTTT	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC CAATGGGAAA TGGTGGATTAC ATTGCACTTT	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA AAAGACTAT AGTTCGGGGA AGGACTGCAT GCAAGTAGTG GCAAGTAGTG GCAAGTAGTG AGTCAAGTAGTG AGCACTGCAT GCAAGTAGTG AGCACTGCAT GCAAGTAGTG	TTATTCATAA CITACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG TGATGTAGAT ATACAGGGAT TATTTTTAT	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAAATTTCAC ATTCTATATC ACCTCGTTAT AAATTGAGTA
181351 181401 181451 181501 181551 181601 181651 181701 181751 181801 181851	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAG CACAGAGCAG TTGGCTGTAG ATTGTGGTTT TTTGTGGTAA	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC CAATGGGAAA TGGTGATTAC ATTGCACTTT CCCTGCAAGT	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA AAAAGACTAT AGTTCGGGGA ATTTTTGGAA AAGACTGCAT GCAAGTAGTG CCATTGGTGC	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG TGATGTAGAT ATACAGGGAT TATTTTTTAT CATTTTTCA	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAATTTCAC ATTCTATATC ACCTCGTTAT AAATTGAGTA ACAGCATATT
181351 181401 181451 181501 181551 181601 181651 181701 181751 181801 181851 181901	ACTGTTTCAT TATTTAACAT AATGAATAAA TATTTATAAC TAAGTTGCAA ACAAATTATT AAGTAAAAAT GGATTGCAG CACAGAGCAG ATTGTGTAG ATTGTGGTTT	TTTTAAAAAT AGTATCCGAC TTGTCCAGCA ACCTAAACAA CATGTCCATA GATATATGCA AGTCAGATAT GACAGAAATC CAATGGGAAA TGGTGATTAC ATTGCACTTT CCCTGCAAGT ATTTTGGTGA	ACACAAGTTT AATCTCAGTC AAGACCTGTT CCCAAATGTC TGGTGAAATA AAGATGGATA AAAAGACTAT AGTTCGGGGA ATTTTTGGAA AAGACTGCAT GCAAGTAGTG CCATTGGTGC TTTTTGTAAT	TTATTCATAA CTTACATATA CTAGGTATTT TGTAATGTTT TACCTACGTG CTACTCAGTC AATTTCAAAA ACACTATACT TCTGAGGGAG TGATGTAGAT ATACAGGGAT TATTTTTTAT CATTTTTCAA	GTTAAATATA ACCCAAGAAA ATAGCAACTT AATGAATAAA ATGAAAAGGA GCATTATGCT GACATTGTGA GAAATTTCAC ATTICTATATC ACCTCGTTAT AAATTGAGTA ACAGCATATT TCCTCATTAT

182001 GTAATTGTTT TAGGACACCA TAAACCACAC CCATGTAAGA CAGCAAACCT
182051 AATAAATAAA CGTTTTGTGT TCTGGTTGCT CCAACAGCCA GCCATTTTTC
182101 TGTCTCTTTT CCTCTCTTTG GGCCTCCCTA CTCCCTGAGA CACAACAGTA
182151 CTGAAATTAT GCCAAAGAAT AACCCTACAA TGATTTCCAG ATGTTCAGAT
182201 TAAAGGTAGA GTCTCACATC TGTCACATTA ATCAAATGCT AGAAATGATT
182251 AAGTTTCATG AGAATGGCAT GTCAAAAGCT GAGAGAGGCC AAAAGCTAGG
182301 CCTCTTTCAC CAAATGTTTA GCCAAGTTGT AAATGCTAAG GAAAAGTTCT
182351 TGAAGGAAAT TAAAAGTGCT ACTTCAGTGA ACACATGAAT GATAAGAAAG
182401 CAAAACAGCC TTATTACTGA TATGGAGAAA GTTTTAGTGA TCTGGATAGA
182451 AGATCAAACC AACTACAGCA TTCTCTTAAG CCAAAGCCTA ATCCAGAGCA
182501 AAGCCCTAAT GCTCTTCAAT TCTGTGAAGG CGGAGAAAGG TCAGGAAGCT
182551 GCAGAAGAAA AGTTGGCAGC TAGCAGAACT TGGGTCATTA AGTTTAAGGA
182601 AAGAAGCTAT CTGCATAACA TAAAAATGTA AAGTGAAGCA GCAAGTGCTG
182651 ATGTAGAAGC CGTAGCCAGT TATACAGAAA ATCTAGCTAA GATAATTAAT
182701 GAAGGTGGTT AACTAAACAA CAGATTTTTA ATGTAGCAAA AACAGCCTTA
182751 TATTAGAAGA AGATGGTAAT CTAGGACTTT CATAGCTAGA GAAGAGAAAT
182801 TAATGCCTGG CTTCACGCTT CAAAGGATAG GGTGACTCTG TTGTTAGGGC
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184301 CTTTTCACTT GGAGGTAAGG CCTCCTGCTT CTCCGCTCTT TTACCAACCT 184351 TTGACTATCT TTTACAACCC ATTTACACAG ACCTGCATTG TTATTGCCTC 184401 AGTGGGCTCA GAACTACCTC AGCAAAGAAG GGGACTTGGA GTGTTGCTTC 184451 ACCAGCTGGA AACCTCCATG GCCAGTGGCT CCTTCTGCCT GAGTACTGCT 184501 CGCACCCACT GAGCTTGATT CTGCCCACTCA GCCCAGCAGG CTGCACTCTC 184551 CTCGTGCTAC TGGCCTTAAT CCCACACCTG CCAAGGGCGA GCGAGGGGTC 184601 GAGCGGTGAG GGTTGTTGTG GCAACTGGGC CCAGGGCGA GCGAGGGGTC 184601 TAACAGGTGC ACACAAGCTG CTGCATGGGG TGGGCCAGCTC CCAGGCACTG 184701 TAACAGGTGC TGGCTCCATG CAAGGCTGTG GCTGGACCAG ATGTACTGCC 184751 CACATCTTCC ACTCTGTGCA CCCGTGACTG GACGAGGGGA ACACAGTGGT 184801 GCCCCAGAAGC TTGGAGAAGC CAGGAACCAG AGCCCCAAAG AGGGTGTCAC 184851 AGCCCTGCCT CAGGGAGCCC CTAGGTCTGG GCTCCCCAGA GGGCTGCAAC 184901 TCTTCTCCTT CTCATCACCC TCAATGTGGC AAGTCAGGGT TGGGGGTGTT 184951 TTTCAGCTTT CTTCTTCTTC CTCATCACCC TCAATGTGGC AAGTCAGGGT TGGGGGTGTT 185001 CCTGAGTTCT TGTCCCGTGT CCAGGACCAG TGAGGTATGT GGACAACTGC 185011 GGGGGACCCAA CATAGGTAGC TCCTTTTCTGC AGCCACCAGA ACACCTCTC 185101 GGGGACCCAA CATAGGTAGC TCCTTTTCTGC AGCTAACACAA ACAGCTCTC 185101 GGGGACCCAA CATAGGTAGC TCCTTTTCTGC AGCTAACACAA ACAGCTCTC 185201 GTGCATGCTG ATTGGTCCAT GGGTGGCACT GGGCAGCCC AGGGACCAG 185201 GTGCATGCTG ATTGGTCCAT GGGTGGCACT GGGCGCCC AGTGAAAGCA 185201 GCCCCCAGGC TTCAGGCTCT TCACTCTTGGC CCCAGGGTCTTC AACGTGCACC 185301 GCCCCCAGGC TTCAGGCTGT CCATGTCTTTC AACGTGCGT TTCACCCAGGCT 185301 GCCCCCAGGC TTCAGGCTGT CCATGTCTTTC AACGTGCGT TTCACCCAGGCTTTCACCCCT TTTGCACCCCAG GAGCCTGTCT GCCTTCTTTTC ACCCCAGGCTTTCACCCCT TTTGCACCCCAG GAGCCTGTCT GCCTTCTTTTTCACCCCTTTTTTTCAGCCTTTTTTTTTT
184301 CTTTTCACTT GGAGGTAAGG CCTCCTGCTT CTCCGCTCTT TTACCAACCT 184351 TTGACTATCT TTTACAACCC ATTTACACAG ACCTGCATTG TTATTGCCTC 184401 AGTGGGCTCA GAACTACCTC AGCAAAGAAG GGGACTTGGA GTGTTGCTTC 184451 ACCAGCTGGA AACCTCCATG GCCAGTGGCT CCTTCTGCCT GAGTACTGCT 184501 CGCACCCACT GAGCTTGTTC TGCCCACTCA GCCCAGCAGG CTGCACTCTC 184551 CTCGTGCTAC TGGCCTTAAT CCCACACCTG CCAGGGGGA GCGAGGGGTC 184601 GAGCGGTGAG GGTTGTTGTG GCAAGTGAGC CCAGGGGGA GCGAGGGGTC 184601 TACAGGTGAG GGTTGTTGTG GCAAGTGAGC CCAGGGGGA GCGAGGGGTC 184701 TAACAGGTGC TGGCTCCATG CAAGGCTTGTG GCTGGACCAG ATGTACTGCA 184751 CACATCTTCC ACTCTGTGCA CCCGTGACTG GACGAGGGGA ACACAGTGGT 184801 GCCCAGAAGC TTGGAGAAGC CAGGAACCAG AGCCCCAAAG AGGGTGTCAC 184851 AGCCCTGCCT CAGGGAGCCC CTAGGTCTGG GCTCCCCAGA GGGCTGCAAC 184901 TCTTCTCCTT CTCATCACCC TCAATGTGGC AAGTCAGGGT TGGGGGTGTT 184951 TTTCAGCTTT CTTTGTGTTA CTGCTCTTTC AGTCCCTCCG TTTGGTGGG 185001 CCTGAGTTCT TGTCCCGTGT CCAGGACCAG TGAGGTATGT GGACAACTGC 185101 GGGGAGCCAA CATAGGTAGC TCCTTTCTGC AGCTACTAGAGCTCTCAGGGTTTCT 185101 GGAGACCCAA CATAGGTAGC TCCTTTTCTGC AGCTAGTAGT CCTGAAGTCT 185101 GGGAGACCAA CATAGGTAGC TCCTTTTCTGC AGCTAGTAGT CCTGAAGTCT 185201 GTGCATGCTG ATTGGTCCAT GGGGAGGTCTC CACATGGAAC TGGCAGCCCA 185201 GTGCATGCTG ATTGGTCCAT GGGTGGCCCAT GGGGCAGCCCA AGTGCAACCCA 185201 GTGCATGCTG ATTGGTCCAT GGGTGGCCCAT GGGGCAGCCCA 185301 GCCCCCAGGC TTCAGGCTGT CCATGGTCTTG AAGGGGAGCCCA 185301 GCCCCCAGGC TTCAGGCTGT CCATGTGTTT CACCAGGCT

185501	GCCCAAAGTC	CAGAGGGGTT	CAAGGTGGCT	GGGGGCTGGC	ATCTCAGTGT
185551	CTCCCTGAGC	ACAGGCACAC	CCAGTTGAGT	TGTGACAGCA	CCCAGGCTTG
			AGAGCCTGCG		
			GAGCCTGCAG		
			CCTGGGTGCA		
			ACTCAGTAGG		
			AGAGCTTGCA		
			GCCGCGCTCC		
			TCAGAAATAA		
			TTCTTAATAA		
			AGAATTTATT		
			ATCTAATTTT		
			AAAGCTAGAT		
			GACCAGTGCC		
			ACCTITIGT		
			TCTGTTTACA GTTATGAAAA		
			AATCITGATT		
			TTTGTCATAG		
			TTGAAGAAAA		
			TTATGAATGT		
			ATTCTATAGT		
			TTAGAGGCTA		
186651	GTTTAACAAC	TTTATAAGGT	TTATTCTTAA	ATTCTGTATC	<b>AGACTTAATG</b>
186701	TCTTTGAATT	<b>GIGTATITAA</b>	TAATTTGATG	TCCTTTTGCT	<b>ACTGCATTTA</b>
			<b>GATGATTGCA</b>		
			AGAGAAAGAG		
			<b>जजजञ्</b> ज		
			AATTGAAGTT		
			CAGGAAAATT		
			TTGGAAAACT		
			GAACACAGCC ATGGGAGAGT		
			ATGTGTACCA		
			GGTATTAGTA		
			TATCTGAAGC		
			CATCTGACAC		
			ACCTCCTTTT		
			GTGTAGTGAA		
			TIGICIGICI		
			GAGCAAGGAT		
			ATAGTAGCAG		
			TCAATTTAGA CAAAATGCAA		
			TCTCTGTTCT		
			TITAGCTACA		
			TAGTTCAGTA		
187851	AACGAACACT	AAGATTAAAG	CTCATGTTAA	CTACTCTGAT	GGCCTTGAGG
			TCACCATTAA		
			AGTTATATTC		
188001	GTTGATTGCC	CTGCTTACAT	AGTTGCAAAA	TTGGTAAGGA	GAACAGTATT
			GTTGATATTT		
			AGTGAGAAAA		
			AAACAAAGAA AATTTTATAG		
			ATTACAAGTT		
			CAAAATTGAA		
			AAGATAATAA		
188401	TGAGCACATG	CACTATACCA	GGCACAGCAC	ACCGTGCTTT	ATGTATATAA
188451	TCTGTAACTC	TCCTGACAAC	CCTGCAAAGT	AGTACCTCTG	TTTACATTTT
188501	GAAGATGAGA	AAATTACTGC	TCAAAGAGAT	TAAATAGCTT	GCCATGATTC
			GGCAGTATTG		
			ATCCCGTAGC		
			TGACTATACT		
100/UL	TTTCATA	GIGI IAGAAA	ACTTATACTC	TCACACATTIA	TACACACA
188801	ACCACATECE	TOCTOATTO	CTGAATAACC CGTGGAGTAA	TAAATCCCTA	CTGTTTTCA
188851	TTTTCAACTT	CAACCCATTC	CTTCTAATTT	TAACCCAACC	TGTATTTTT
			CTTCATAACA		
			ATTGGTTTGA		

189001	CTIGIATICI	GACTTAGCAT	AGAGTTTTAT	ATTITCTGAG	TAGCATAGAC
189051	CCATATATTT	TTGGACACCC	CTCGTATTTT	ACATTTAATA	GAATGATGAA
189101	CATGATTCAT	TAAGCCTTTC	TTTGATGAAA	GACAGAAACC	ACAGAGCAAT
189151	GAAGATATTG	<b>GCATTTCTGA</b>	TAAAGTTTGT	ATATTAAAGT.	CTTATGGTAG
189201	CCTATGAAAA	<b>AGAGCTTGTT</b>	TGGAAAAATT	GAGAGATTCA	AGTTTTGTAT
189251	TATACTTAAG	TTTTGTCACT	<b>TCATCAAATG</b>	CCTCCCTTTC	TATGTCTTAT
189301	CATGAATTTA	тттттссс	TTTAATAGTA	GATCAAATAT	AGATAGCCAG
189351	GAAAGAGTAA	<b>AAGGTCAGTT</b>	ATGGTAATAT	AGTGAAGATG	TTTCATTCAT
189401	ACTITAATAT	TATACAAGTA	TTAGTTTIGT	ATTATACTTC	ПСПСПСТ
180451	TOTAL	ATTCTTATTA	TTATTATTAT	TTTGAGACAG	AGACTCACCC
180501	TETTOCCAG	GATGGGGTGC	AATGGCATGA	TOTOGOTCA	TTGCAACTTC
		GTTCAAGTCA			
180501	CATTACAGGC	ATGTGCCAAT	TTTTCTATT	THETEAAGAC	AGGGTTTCAC
100051	CATICATIC	AGGCTGGTCT	TEAACTICTE	ACCTCACCTG	ATCCCCTCC
100701	CTCACCCCCC	CAAAGTGCTG	CCATTACACG	TICTICACCOAC	CCACCCACC
100751	TATACTTACT	ATTTTAGAAG	AACTTTATCA	ACACTATTAA	TAATAAAATT
100001	CCTITALA	ATTATCTATT	CACTICAATICA	ATCCCTCCCT	CACTGAATGA
100001	ATTECATACAT	TCAGAACTCT	CCACTCCAAA	ATCTTTACA	CHCHCCTTT
100001	AIGCAIACAI	TAGGGGCTCT	GGACTCCAAA	AATCTTAAAT	TAAAACATAC
		TACTCTTCCT			
189921	CHAMIATIG	GIGTIGCTCC	COLCATA	IGICAVAAG	ATAATTCACT
190001	GICCICATAA	AGACAAATAA	GOAGATAAAG	ATTOCTO	AIAAIIGAGI
		ATTTTIGTTT			
		CAGGGATGCA			
190151	IGACAT TAGC	ATTCTCTATC	ICANGCAGAA	AIGCIACCAA	CATATOLICII
190201	GATTTAAGGA	TGTGATTTCT	THATAGICA	GIATTITIAA	CATATCACAT
		TAAAACTTAA			
		GAGAATAGTG			
190351	TAAAAGTACA	TACCGTAGAA	GGTAGAAACT	TAAATACAGG	AIAAIGAAII
190401	TTTTTATAT	CTGATTCCCA	TTAGCATTGA	CATTITITI	TICIGITIC
190451	AGACCATAAA	<b>AGCTTCTTCC</b>	AAAAGTATCC	ACAGGCACAG	AAGCTCTGTT
190501	TAGATTTTTC	CTATGTGCTT	TCTTTCTTG	ATATTTTGAT	ПППССАА
190551	AATGAGTTTG	CTGTTTACTT	TTGATGAAGT	AAATATCTAT	ATAAAATCTG
190601	AAGATTTTTA	TTTCTTGGAT	TTGGAGGGCA	ATTTGAACAT	TAGATTTTAA
190651	AGGCTTATAC	TTAAGATGAC	CATTAGTAGT	TAAATCTGGT	TTATAACTAA
190701	TCTAGTGTAA	TTTAATTAAT	AGAGGTTAGT	GTGGAGTCAT	TCATATATTT
190751	ATATTTCCTG	TTTCATATGT	TTATAAATAT	TTGATGAGTA	TCATTGGCTT
190801	TTTTTCTCCA	ATGIGITIGG	ATTCAAGGAA	TTAAGGGTCT	GTATAAATAC
190851	TTATTTTCT	<b>GTGTGTGCAT</b>	गाटााजज	TTATTTCAT	TGGTTTTGAG
190901	TTTGACTTAA	TATACACATG	TGCATTTAAA	AAGATGATCT	TTCCAAAAGC
190951	TTTGCTTGGG	<b>ATCTTTGCTA</b>	GGAGGATGAG	TTAATGGATG	GAGAGGGCTG
		TGTTATTT			
		AGAAAAACAA			
		TTATCTGTAC			
		ACAGGGATTA			
191201	AGTATGCTGC	<b>AGCGTCATAT</b>	CCAGTTAATA	TTAAAAAAAA	AAATCTGGCT
		ACAAAATCCT			
191301	TGCTGATTAA	TCAAACAAGA	TTGTCAGTAA	TTAAAGGAAT	ACAGATGACT
191351	TGGATTTTAT	TITCAGTTTT	CATATGTAAA	TTCTTGCAGC	CCTTCCCCAA
191401	GGTTGGGCCT	GATTTIGTTA	TGGGATCTTT	GGGCTGTTGC	TTTTCTGACCC
		GTGGCCAGTG			
		<b>GAGGTACATA</b>			
		AGTTAGAAAA			
191601	TTTCTGTAGG	CAGGTCATCT	<b>ट्डान्ड्य</b> ज्ज	TGAGCTCTCA	GCAGAGAGGA
191651	GGCCTGGAGT	GGGTGGCTCC	TCTCTGCAGG	CAGGTTGTCC	CGACGAATGT
191701	TCAGCTCTTA	GCAGAGAGGG	TAGCTCCTCT	CTGCTGCTGG	TCATCCTGTT
191751	GTCTGCAGCT	CTCAGCAGAG	AGGAGGCCCT	GAAGAGGGTA	GACTCCTCTC
191801	TGATGTTGAT	CATCCTGACC	TCAGCAGCTC	TCAGCAGAGA	GGGTAGCTCC
191851	TCTCTGCAGC	COGTCCCTCC	ACTGGCTCTG	CTCTGCTCTG	GCTGAGTCCA
		GAGCCTCAGA			
191951	GCCCTGCGGT	AAAGGCACCA	CAAGTCCCCA	CTCTGGTCCG	CAGGGCTGGC
					TGAGGCCTCA
192051	CCAGGGACCT	GCCCTGCCCC	TTCCCACCCA	GGAACCTGTC	TGCATCCTGC
192101	TGCTGCCCAT	CACACCCAGG	CTGCTCACAC	CCGTGCCAAG	GAGCACCCAC
192151	AGGCCAGCCC	AGAGCCTCAT	TCAGCTCCAT	CTTGGCCTCC	CTCTCCTACT
192201	TGGCATCCAT	AGTCCAGAAG	GGCCAAGGTG	GCAGGAGGCT	GGTGTGTCAG
192251	TGCTGCCTGG	AGCAGCACAC	ACCTGGCTGG	GCCACAACAA	CGCTGGGACC
192301	AGGAAGAGGC	CAGGCAATGG	GAGCAGATAC	CCCTGAGTCT	GCTGATGATG
192351	GGGGACCCAC	CTGGGTACTC	GAGAGCACCA	GGAGACCCAG	GCCCACAGCC
192401	ACAACCCAGG	CAGCTGCAGC	TGTGCCTGGG	GAGCTCTCAC	CCTACCAACT
					GTGTGCAGCA

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192551 CAGGTGGCAT AGTGGCCCTG GCCAACCCAG CACAAACAAA CCCGATGCTC 193001 GCCCCAAACC CAGTTGTCGG GAGCGCCAGG CTGAACAGTC ACTCCGACGT 193051 GGGGTGGATC CTGGGGTTGC AGCGTCGGTG GCCCGGGCTG AGCCTCCAGC 193101. TGAGGTGCAG GAACTTGGAG CCGCCAGCAG GGTGGGTGCG GCGACAGAGT 193151. CGCTTGCCAG GTCTGGGAAG CGGGGGGCAC TCCCGCTTTC CACCCCACAC 193201 COCTGAAGTA CGGCCCCACT GTGCGTTCAG GCCCACCTCC CTTCACTCTG 193251 TEGECAACTE CAGCACCCCT GEGTTCCAACT CTGCCTTGAG ACCCCTTCCAT
193301 GCCAGACCGT GCTCTTCCCC CGCCTGCAGG TAGGTCGGCC CGGCCCCACC
193351 TGAGTGGATC CCAGGGTTGG GCTTCCAGGG CAGCAGGCCC CAGGTACCGT 193401 TOGCCTTGGA GTCCACCTGA GGATCCACAG CCTGCACCCC CACCTGCACC 193451 CACACCCGTG CCCCACCACA GCCGGTCCCG GCTGCCAAAG TGGCAGTGAC 193501 TACTTTGGAT GGCCCGCTGC TGCCATCAAT TTGAATGGTT TATATTTTGC 193551 CGTCCTTGTT GAGAAGAAAA ACATGGATGT ATAGATATAC AGTGATGGAT 193601 GGACTAGCAG CTTAAGAATC ATTTTGGGGA CATTTTTAAA AAAATTTTTT 193651 GAGACAGAGT CTTGTTCCAT CTCCCAGGCT GGAGTTCAGT GGGGCAATCG
193701 TGGCTCACTG CAGCCTTGAC CTCATGGGCT CAGGTGATCC TCCTGCCTTA
193751 GCCACCCAAG TAGCTGGGAC TACAGGCGGG TGCCACCACT CCCAGCTAAT
193801 ATTTAAATTT TTATAGAGAC AGGGTCTTGC TTTGTTGTGC AAGCTGGTCT
193851 CCAACTCCCG GGCTCTCACA GTCCTCCTGG CTTGACCTCC CAAAGTGCCA 193901 CCACACCCAG GCTATTTTGA GGACGTTTCT CTTTTCAGAA AAGTTATAAG 193951 TATTTTGACC CTGCATGAAA GTTTGGAATG ATGGAATCAT ATAAACAAAA 194001 ACAACAGAAA GCCTCAAAAG ATTTTTTTAA ACCAAACAAA AATTATTGGA 194051 ACCAGCTTTT ACCTCAAGCA GTGAATGAGC TACACAGAAA GTTGATTTTT 194101 CTTTTATTAA TGATTGCTAG TAATGAGAAT TTTACACTTT ATTCTTCTCA 194151 ACCTCCCTCC AGGTCAGTTT TGGTTGTTAC AGCTGGAGGA ATGATACTGG 194201 CATCCAGTGG GTAGAGGTCA GGGATGTTAC CAGACATCCT ATAATGCACA 194251 GGAAAACCCT CCCTGACCCA CAATGAAACA TTGTTAGCCC AAGTAATGCT 194301 GAGATTGAGA AACCCTGCTG TAAAGTGTGG ATTTTTATCT TGATGGGAGT 194351 TTTTCCAAAT AGCTACATTG ATGTTTACAA TGCTTTATAA ATAAAGGGAA 194401 GTTTTGTTCT GTTTGTTTGA ATTACTAATA AGAGATAAAA GAGGCTTTAG 194451 AGACAGATTT TIGGGATTTAT AGATIGCAATA AACACATAAA CACAGTCTTC 194501 GAAAAATGTT CATIGGAGACA ATATIGGTIGAT CITTIGGATAC AGGGAAATGG 194551 AAAACATTTT ATTATAGAAG AACATGAGAA ATTTGTATTA TTTTTTACTC 194601 TITCATGGAC ATGAAATGAA ACTICTACTT TGTAGGTGTT GGTGTTGTAC 194651 AGAATTATTT CTATATTTTGT GAATTAAATC ATATAATAAA GTAATTGCAA 194701 TATCCAAAAA TCAATTATCT TGGTAGAATA TTCAAGAGCC TGAAGCTCTG 194751 GATTCACTTC CCATTTGTGA CTAAAGTTAA TTTATTTAAT GTCCAAGCCT 194801 CAGITAACAC ATCTGAAAAG TAAGGTAGTT TTTATAAACT TGTCAGATGG 194851 GCATTAGTTA ATTIGTATTT GATAATTIGT ATTGACACTA AACTGITATC 194901 AGATGITAAA AGAACTGTTC AGTCTTTGAT TGCTGAACTT CAGTGTAAGG 194951 AGTAGGTATT TCTTTGTTCA TTTCATAAAG GAGCTCTTGA ACCTCCGTTT 195001 TCAAGCATTG TCTGCTCAGT CACAATAATT TGCAGTGGAA GGATGTATAT 195051 GTAACCACAC ATGTGTAAAC ACATACACAC CTAGTGACTT GATGGTAGAG
195101 AAGTTAAGGA TTTACAAAAT GTGTTTACAT TGCTTTCCAG AGATTGAGGT
195151 TGAGGTTTTT GGAACCTGGC ATACTGATAG TACCCATTAT GGAACCATAA 195201 TCATGTGGAG TTAGCATACG AGATAGAGCA TATAACCTAT AAACATATTT 195251 AATGATACTC ATCTATTGTG CTACAACAGA AACAGACATT GGAGAGTAAA 195401 AATGCATGTT GTCGAAAAAG TTCTACTTTC TGTAAAGGAG GAGAGGGAGA 195451 AAAAAAAAT GCAGGTTGGA GTCACAAATC ATAGCAAGTC ACTTTACCTT 195501 TICTTCCATG TTTAAGAAGG TIGTCTCTTTIG GTGGAGACAG ATGAGATCTIG
195551 TATTCTGTCA CCACCAAAAG TCCTTGGGGT TATTTTTTTA ATTTTTTTT
195601 TTTAACTAAG GGACCAGCCA GGGCTACGCA ACTAATATAG AGAAAAATTC 195651 AGACAAGAAA TTAGATCTCA GATGGAGGTG GAAACTGCAA AGTTTGATCA 195701 TCTTTTAGAG ATTGCAGTGT ATAAAATAAA TTGTTTCACT TATAAATGGA 195751 ACCAAAGCAA TAAACTTCAT GITATTCTAT ATACAACTTT AATTACTGTT 195801 TCATTTTTTA AAAGATATTT TGTTAAGATG GTATTTTGAA TTGGTAACAT 195851 ATGTATATAA TTCAGAGATC AAAACTGTAT GGAAAGATAT ACATGCTCAT 195901 ACCITIGITICE TITCTACCACT GTACCCCAAC CTTTCCACCT TACITITATT 195951 AGTCTCTTIGT TITCTTCTTCC AATTTTTTAA CACAAACAAA AAATATGCAA

196001 ATA	TATATGC	AAATATAAAT	ATATGTTTAT	GIGIGIGIAT	ATATAATATA
196051 TAT	TATATAT	ATTATATTA	TATATAATAT	ATATATTATA	TTATATATAT
196101 TAT	ATATATA	TATATATGTT	TTCAATACCC	ATTTCTCCCA	GTTATATACA
196151 ATC	CAGGAAA	CTATGTATAC	CCTTCAGTAC	тисстит	TGATTTAGCT
196201 CTC	नाटाउ	CAGATCTTTT	TCTCTCAGTA	AATGGGCATT	TTCCTCATCC
196251 TT	TGAAGGA	TGCATGGATG	<b>AAGAACTACC</b>	<b>ATAGTTATTC</b>	AACCAGTGCC
		<b>GATTCTTAGG</b>			
196351 TAG	TACAAAG	<b>AGTAATCTTG</b>	TCCAGGTGTC	ATTTTGTACT	TGTGCTGGTT
196401 10	ΤΩΤΑΑΑΑ	GTGGGATTGT	TGIGITATGG	GTAAATACAT	TIGIAATITI
		ATOGTATTIC			
196501 TC	ACCACTAA	TTTTGAATGT	CICCCCTT	CCAGGITGGT	ATCAGTAGTT
106551 40	CACTTAAT	TTAAAAGGGT	ΔΑΘΤΑΔΑΤΑΔ	TCATTTAATG	TTTTATATTT
		ATTITAACAT			
196651 CT	TACCCCAA	ATAATTITT	AAGAATAGTC	TECTEATTEC	ACCTICITATA
190031 CH	AGGGCAA	CTAAACCATA	TTTATTAAT	TITAGICITE	CCCATCTATC
190/UL IA	TACACTC	ATAACTTAAG	ATACTICTICAC	CTACCTTCAC	TATOCCATT
100001 AA	SIACACIC	TGTTCTGCCA	AACCAAATTA	ACACTTCACA	CTTACTCATC
196601 CA	CIACAGC	CTTTCCTATT	TACCOTTETT	TTTCTAAAAA	ATAATATATT
TA082T 111	ALIGAAL	CTTCCIATT	AATTETCAACT	AATTOTTAAA	CTACAATTIT
196901 IA	TIGAATC	ACATAATTTC	AAIGICAAGI	AAI IGI IAAA	CIAGAATTT
196951 GG	AICAGIA	TTTTTTACTC	AIGITIGIT	IACCGGIAAG	TCACCTIGCT
19/001 TAT	TACAGIG	TCTCAACGTA	HAAGIGIIC	AGIAAAIIII	CATIGAATGG
		AAAGAGGTAG			
197101 TG	CACCCAAA	ACAAGAAAGC	AAAGGITACG	AGAGCAGGAG	GAGGGIGCGC
		<b>GCCTTCTTAT</b>			
		AAGTGACATA			
197251 CT	<b>FAGACATA</b>	CAAAATTTAT	ATCAAATAGA	GACAGTGTGG	GTCCATCTTT
197301 TR	CCTCATT	TIGCTGTCAT	TTTCAAACTT	GTTTATTCTG	GAAAATTATA
197351 AC	ATGTCTTG	CCAAAATTGA	TTGGCTAGAT	GTGCTGCAAC	TTACAGAGCT
197401 TT/	AGACCAGT	<b>TATAATGATG</b>	AAGGTTCAGT	TTAGATAGTA	ATGTGCTTTG
197451 AG	<b>SCAATAAT</b>	<b>TATGGGATAT</b>	TTCCTTGTAG	TGACCAGTAA	TTTTATGTC
197501 TT	CTGTATTA	GTCCATTCTC	<b>ACATTGCTAA</b>	TAAAGACATA	CCTGAGGCTG
197551 GG	TATTTAA	AAAGGAAAGA	<b>GGTTTAATTG</b>	ACTTACAGTT	TAGCATGGCT
197601 GA	SCAGGCCT	<b>AAGGAAACTT</b>	<b>AACAATCATG</b>	GCGGAAGGCA	CCTCTTCACA
197651 GG	CTGAAGA	GAGAGAATGA	GTGCAAGCAG	<b>GGGTAATACC</b>	ATAAACTTAT
197701 AA	AACCATCA	GATCTCATGA	GAACTCACTG	<b>ACTATCATGA</b>	GAACAGCATG
197751 66	GAAGCTG	CCCCCATGAT	GCAATTACTT	CCATGATGTG	GGAATTACGG
		TCAAGATGAG			
197851 AT	TICCAAA	CAGAATTTAT	CATCAACACT	GACGAGCCAT	TTCAGTTTTA
197901 TC	TAATTAT	TGCAAGGACT	GGTCAAGAGA	ACGIGITIEG	ΔΔΑΤΤΙΤΙΙ
197951 TT	NATION IN IN	ATGT TGAGGA	AATAATITAT	AACATTTGAG	TITCICIG
109001 64	ATCATTAA	CATAGTTTCC	ATATTTAAAT	TTCTCCCATT	ΑΤΑΤΙΤΙΤΙ
		TCTTCTTTCC			
		ATTAAGGGCT			
		CGTTATAATT			
		GGCAAGACTG			
		GACACAGTCA			
198351 CA	SACIGCAI	TTAGTAACAC	GICCAIAAG	ATTATETECAT	AGCTGAAAAA
198401 110	CIAIGG	TIAGIAACAC	IGIAGCCATC	AIAAIGICAI	AACCATIAIG
198451 AIG	SIGGIAGE	ATAGTGCATT	ACICIGIGG	CAAIGCIGGI	GIAMCAMIC
19820T CIG	SCIGISCI	ATTAGTCATA	IAAAAGIAIA	GCACATICCA	TIGIAIAGI
198551 AC	AICAIACI	IGAIAAIAAA	CAACIGIGII	ACAGGCTIAT	GTATTACCTA
198601 TA	CIAIACAI	TTTTATCATT	GIAGIGIGIA	CICIGCITAL	AAAAAAAAA I
					TCCATAAAGA
198701 AG	GCCTIGIA	AACGTACGAG	AIGACAGCII	CAIGCAIAII	ATTGCCCTTG
		AGGGAAATAA			
198801 GA	TCCTGACC	TACGGGCCTA	GGCIAAIAIA	IGIGITIGIG	ichicanti
198851 TA	CAAAAAA	GTTTAAAAAG	IAAAATAATA	AATAAAATTT	AAAAATAGGA
198901 AA	<b>AAGCCTAT</b>	AGGATAAGGA	TATAAAGAAG	AMATATTIT	IGIGCAGCTG
					AAAAAGTTAA
199001 AA		ATAAATAAAA	AATTTATAAA	GTAAGTTACA	GATTAATTCC
199051 TG	aagaaaga	AAAGTTTTAA	AATAAGTTTA	GCATAGTCTT	ATTGTACCGT
199101 G	TATTATA	AAATCTATAG	TAGTGTACAG	IAATGTCCTG	GGCCTTCACA
199151 TR	CACTCTTT	GCTCACCCAG	AGCAAAGAGT	ITACTCACTG	ACTCACCCAG
199201 AG	CAACTTCC	AGTCCTGCAA	GTACCATTGC	IGGTAAGTGC	CCTATACAGG
199251 CA	TACCOGTTT	TTTAATCTCT	TATACATTAT	TTTACTGTG	CCTCCTCTTT
199301 GT	TTAGATAT	GTTTAGACAC	AAATACCATT	GIGITACAGT	TGCCTACAGT
199351 GT	TGAATACA	GTAACATGCT	GTACAGGTTT	GTAGCCTAAA	AGCAACAGGC
199401 TA	TATCATAT	GGCCTGGGTA	GACTATACCA	ICTAGGTTTG	TGTAAGTACA
199451 CT	CTGTGATG	TITGCACAAT	GACAAAATCA	CTTAAGGATG	CACTTCTCAG

199501	<b>AACATATCCC</b>	CATTGTTAAG	TGACACATGA	CIGIATITIG	TTCTGTAACT
199551	TTCTTGGCCA	AATGTACTAT	TTTGAGTCAA	ATTCCATAGA	ccirriai
199601	TOCTCTTGAA	GTATAATGAA	стпсп	TTAACTTATA	AAAAGATGAG
199651	TGTATTCAAG	ATTGATTGTT	CAGAAACTTT	GICIGGGAG	ATTIGACTIT
199701	TTATTTTAAA	TTAGCTTTGT	CACAAGGATA	AATTTCCCTC	CTCCATTTTC
199/51	ACCCTGACCC	AGCCCICATI	GACICICO	CATTTACACA	TATCACCE
199801	TTTGATTATT	ATTTAAATTT	AAAACTTACC	TOTTTOOTA	TCTACCATAA
100001	TATTTAGATA	ATCACTTATC	TTCATCACAA	ACACATACAT	TIGITICICAG
100021	ATACTTAAAT	TEATTERAC	TETTETETE	CCACATATAC	ACATACTCCT
300001	CAACTTACAA	TECACTICE	TOTALIANA	GETATCTTAA	GTTGAAAATA
200001	TCATAAGTCA	AAAATICATT	TAAAACACCT	AACCTACCAA	ACATCACAAT
200031	TTAGCGTAGC	TTACCTTATA	TGTGCTCAAC	ACTTACATTA	GCCTTCAGTT
200151	GGGCAAAATC	GCCTAACATA	AAACCTGTTT	TATAATAAAC	TATTGAATAT
200201	ATTATGTAAT	TAATTGAATA	CTGTACTGAA	AGTGAAAAAC	AGAATGGTTG
200251	TATGGGTACT	CAAAGTAAGG	TTTCTTCTGA	<b>ACATGTATCA</b>	CTTTCACACT
200301	ATCATAAAGC	TGAAAACTCC	<b>AAAGTCAAAT</b>	CATTGTAAGT	CAGGGACTGT
200351	TCATTACTTT	<b>TGTTTTCTAA</b>	<b>TGCAGTGGTA</b>	ATTAATGAAG	GAAAATACCA
200401	GAAATTGACA	<b>GTGTATTGAT</b>	<b>AAACTGTTCT</b>	TTCTATTCAT	AGGGCTATCT
200451	ППССПТ	ATACTAATCT	CCTTTAATAA	ATGGAATAGA	AAACTACTTT
200501	TTTTTTGGC	CATGTCATCT	जााााज	пппппп	TGACAGCATA
200551	TTAGGTTGTG	GATAGTATTT	GGAAATCCAC	ATCIGCICIT	TATCCACATG
200601	TGTTTATCCT	ACTIGCAGIG	TAGATAAAAA	IGIGCITIGI	AIIIIAGAII
200651	AAAAATTGTG	TTTTCCATTA	TITIAICAAI	THECHICI	GAAAATTGAL
200/01	CTTTTAACTT	TGIAITITIG	CAGGGAAAGC	CAAAATCTAT	GGAACTITIA
200001	TTATIGITIT	CAAAACTCAC	ATTTAATTCC	ACAACCTCTT	TAAAAATCAT
200001	AMATATAAC	TACTICAL	ATTIAATIGC	CATATAGAGAG	ACTAGAGGAT
200001	AATATTCAGA	CCATAAAACA	ATTOCHTOCAG	ATCCACAGAC	AACCAACACT
200901	GGTAGTCAAA	TACTICATITAL	ATTETTEATA	AGTOTIGOTG	CHITTIE
200331	TGAAATTTTA	TTTAATAATA	TCATATAATG	TITICATIT	GAAAAGGAAA
201051	AAGATGTTAT	CAAGTTCCTG	CCTATTTAAC	TTTAGAGAGA	ACTTAGTTTG
201101	GTTTATTCAG	TTAGACATGT	AGTCAGTGTA	<b>GCACTITAAT</b>	CTTTTAACTT
201151	TACCACTITA	ATTATTTTAC	AAATACAAGT	TCTTGATGAT	CTTTTATGTT
	TTTCTAGGAA				
201251	TCAGAATGTG	TAGTCATGAA	GAAGAACAGG	GCTTACCTCA	<b>AAATATCTGG</b>
201301	TATACTCTGC	<b>AATAAAAGTA</b>	TCATCACTGG	CCATCAGAGA	AATGCAAATC
201351	AAAACCACAA	TGAGATATCA	TCTCACACCA	GTTAGAATGG	CGATCATTAA
201401	AAAGTCAGGA	AACGGCCGGG	CCCCCCTCCCT	CACGCCTGTA	ATCCCAGCAC
201451	TTTGGGAGGC	CGAGACGGGC	GGATCACGAG	GTCAGGAGAT	CGAGACCATC
201501	CTGGCTAACA	CGGTGAAACC	COGTETETAC	TAAAAAAAA	AATACAAAAA
	TTAGCCGGGC				
20100T	GAGGCAGGAG GATCACGCCA	AAIGGGGIGA	ACCUGGGGGG	CACACTEAAA	AGIGAGICGA
201201	AAAAAAAAA	CIGACICCA	AAAACTCACC	CAAACAACAC	COTTO
201751	AGGATGTGGA	CAAATACCAA	CACTTTTACA	CTGTTGTTGG	CACTICTAAAC
2017 31	TAGTTCAACC	ATTICTICGAAG	ACAGTIGIGG	AATTICTICAA	GGATCTAGAA
201851	CTAGAAATGC	CATTIGACCC	AGCCATTCCA	TTACTGGGTA	TATACCCAAA
201901	CGATTATAAA	TCATGCTGCT	ATAAAGACAC	ATGCACACGT	ATGITTATIG
201951	CAGCACTGTT	CACAATAGCA	AAGACTTGGA	ACCAACCCAA	<b>ATGTCCATCA</b>
202001	GTGATAGACT	<b>GGATTAAGAA</b>	AATGTGGCAC	ATATACACCA	TGGAATACTA
202051	TGCAGCCATA	AAAAATGATG	AGTICATGTC	CTTTGTAGGG	ACATGGATAA
202101	AACTGGAAAC	CATCATTCTC	AGCAAGCTAT	TGCAAGGACA	AAAAACCAAA
202151	CACCTCATGT	TCTAACTCAT	AGGTGGGAAT	TGAACAATGA	GAACACTTGA
202201	ACACAGGAAG	GGGAACACCA	CATACCAGGG	ccrarrara	GGTGTGGGGA
202251	GAGGGGAGGG	ATAGCATTAG	GAGATATACG	TAATGTAAAT	GACGAGTTAA
202301	TGGTATAGCA	CACCAACATG	GCACATGTAT	ACATGIGIAA	CAAACCTGCA
202351	CGTTGTGCAC	ATGTACCCTG	GAACTTAAAG	TACCTCACAT	ACAACAACAA
202401	AAAAAACCAT ATTTGGTGAA	GITCHAITG	AACACCAAAT	TICTITATTA	TEAACTITITE
202431	. ATTIGGIGAA . TAAAAACTGAA	ATTACACTO	CACAAAATAC	TICHTALIA SSSTTMATT	TCACACCCAT
202301	. TCCAAATGAT	ALIMONOIGI	ACTICACTICAA	TGAATTGAAA	TCTAACTTC
202331	AGTATTATAC	TICTURA	AGAAATTATT	TTACAAAGAA	AATGTAACAT
202651	ΑΝΑΤΤΑΛΑΔ	ΑΔΤΤΑΤΤΔΑ	TCICIGATI	TGTTIGGC A	TTCTAAAACA
202701	ATCACCACCA	AACATATTAC	TTTTCCATGA	GITCITACGA	ACACCTTTAC
202751	CITIGGGTATA	TGAAAATGGC	CIGCICTIGA	GTTGGATGCT	TTATTCCAGA
202801	TGTGTTCACA	TAAACAAAGT	ATGGAAAGTC	TATACTTGTA	TGTATAGGAA
202851	ACAATGGGTC	<b>AGCTTTGAAA</b>	TTTTTTATGA	AATGTACATA	GATTTTTCTA
202901	GACACGTACA	GAAAAATGAG	AAGTCGTGTC	TAGATGGAGC	CATCTCTTGA
202951	GACTGGACAT	CTCCAGTAGA	AATTTGACTT	CTAGCTAGAA	AGACAGTATC

# FIGURE 3FFF

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203001 ANATIGITET CANATATTAN TITATCATTE TIETITCAGG GETTECAGAT
203051 GAGCTTGGAA ACTGATTTAC AGAGATAATT AAGACCATTT GCCATGAACT
203101 TCCTTATGTA TCCCCATCAT TAACAAGACA TAGCTTGGCT CTATTATTAT 203151 CTGCTGCTCC TTTCCTACAC TGTCAGAGAA GGACATTTTT TGCCTAAAGT
203201 TAATTGTTCC ATCTAGTTTC TGTAGCTCAT CTCAATTTTA AAAATTTTAG
203251 CTCCCTAGTT TCTCCTCACA GACCAAATAT ATTAAAAGTG AACTTGTGAA
203301 AGTCACCAGT GACTACTGAA CAAAATTTAA TGGTTTCCTT TCTTACTGTG
203351 TTCAATTCCA TAAATTTTAT CCTGCTGAGT ACCTGTATCT TGAAACCCTG
203401 TACCCTATTA GCTTTGATGA CATGACACTT TTCCCTTCTG CTGACTCTGA
203451 GTCTAGTACT CTTTTATTTC AGTGGAATTT AATAATCACC TTAATATGGC
203501 AAATATTTAA ACAAAAATCT GAATCCAGTC CAGCCTCOGG TTTTGTTTTA
203551 TAATTCAAAA TITIGAAATCT CAATTATTTT ATCTCAATTT CTTTTTTCTG
203601 CTCTATTACC ATTACTCTTC TGGTTGAGTT ATTTCCTTTA TTACTGCCAT
203651 TGCCTCTTGA CTCGTTTCTC TGCCTTCAGT CTCTTTCTCC ACCATTTCAT 203701 ATTCATTCTG TTTTATAGTA TTCTTCCTAA AGGAGTGATA TACTGTTAAG
203751 GAACATACAG GGACTCCTTG TTTGCCTCAT CAAGTCCAGC TCTTCATTCT
203801 GCCTTTTCA CTTTGCAAAA GTTGCCCATA CCCCATGCAG CATCTTACCA
203851 TTATAGTATT TTCTGTTTTC ACTGAACATT TACCTTTTAT CTTGGCAATT
203901 ATGTCTTCTG GTAGTCATGT GATATGCACG TACTATTATA CATTCATTAT
203951 TTTCTCCAGG CTTTTGCTTA TTTTGTCTCC TCCTCTTTCA TCTAAAACCA
204001 TGCTCATTAC TTTTCCTTGA CTGCCTGTCT TAACAGCCTT TTCCATGAAT
204051 TTTTATTTT TGAGGTTTTG TTTAGTTTTT ACTAAATTGG CTCTACAAAT
204101 CTTTTTCTC TAGCTTACTT GTCTTCTGTA CCACCTAGCT TAGTTCTTGA 204151 TGTTCTGAA TAGTTCATGT GTTCCAGGTT TTTCCTGTCT TTCTAATAAC
204201 ATGTAAGTAT CTTGAGGTCA GAGAGATTGA TACAGTTTGG CTGTGTCCCC
204251 ACCAMATCT CATCTCAAAT TATAGTTCCC ATAATCCCCA CATGTCATGG
204301 GAGAGACCTG GTGGGAGGTA ATTGAATCAT GGGGGTGCTT ACCTCCATGC
204351 TGTTCTCATG ATAGTCAGTG AGTTCTCATG AGATATGAAG GTTTTATAAG
204401 GGGCTTTTCC CCTTTTGCTC TCATTCTTCT CCTTCCTGCC ACCATGTGAA
204451 GAAGGATGTG TTTGCTTACT TTTCCACAAT GATTGTAAGT TTCCTGAGGC
204501 CTCCCCAGCC ATGCCAAACT ATGAGTCAAT TAAACTTTTT TCCTTTATAA
204551 ACTACCAGT AGCCTTGGGT ATGTCTTTAT TAGCAGCATG AGAAGGAACT
204601 AATACAGAGA TCAAATCATA TTTTTGATAG CCGTCAGATA ATAGTTGTTT 204651 CATGAATTTT GCCCGTTAAT TAAAAATAAG ACTACATGGC CAAGTGCAGT
204701 GGCCCACACC TGTAATCCCA ACATTTTGGG AGCCTGGGGC AGGAGGATCA
204751 CTTAAGGCTA GGAGTTTGAA ACCAGCCTGG GAAACTTTGG GAGACCTTGT
204801 CTCTACAAAA ATTGAAAAAT CAGCTGTAGC CCTGGCTACT CAGGAGGTTG
204851 AGGCAGGAGG ATTGCTAGCT AGATCCCAGA GGTTGAGGCC TATGGTGATC
204901 CGTGATCTTG CCACTGCTCT GTAGCCTGGG TGACAGGGTG AGACTCTTGT
204951 CTCTAAAAAT AAATAAACAT AAGACACAGA AGCTAAATAT TTAAATCTCT
205001 TTAGTTTTCA CAGGAAGTCA ATAATGAAAC CAGGATCTGA GTAGAAACAG 205051 TTATTTTAAA ATCATAATAT CACAGTTTTA TCATATCAGT TTTTATAGTT
205101 GTAAAAATTT CACATCAGCA GAGGGCAGTC AAACCATAGT TCATTCAACT
205151 ATCTTATGGG AAATTAAAAT TTTCTCTGTG TTTTTCTGCT TAGGACACAA
205201 GCTGTACTTT ATATAATCAG TTTGTAAATA CATTTCAAAG CTCTTCAGTT
205251 GGTAAGCTGA TAGAATTIGTA TTACTIGTTTA GCCACGGAAG GTAAACAGTT
205301 TTTTTAATA AATTTAAATA AAAGGAATTA ATTTTTTTAG ATCATGAAAT
205351 GCTTATTAT TIGGIGITIT TGATGGATGG CCACTITACA TAGAAATTIG
205401 TTTTTCTGC CTCAGAAGCA GTATTTCTGT TAAATTGCCT GTTATTAATT 205451 AGGCTATTTT TTATTCAAAA ATATTAACTT TTATGGAATA CCTTTATTTT
205501 CCCCTATGAA CTTGAGAAAA ATGAGTTTTT ATTAGAGGCT GTAGTATAAC
205551 ACTAACTAAA ATGTAGTTTG GAAAGTTTTA TTGAGTTTTT CTTCCTTAAC
205601 CTTTTCTTTG GCTGGCTGCA AACAACTAGT GATAATGTGT TTTTAGATGT
205651 GCTTATTTTC ACCTCTTCCT CCTGGAGGTT AAGCTAGTAC TCATTAAGGA
205701 AAAAATACAG TTTATACTAA ACAGTGTTTA ACATATACTG ATGGTATTAC
205751 TGTATTTCCT GTTTTGTGTT CACAATGAGA AGATTCTGAA AAACTGTCTT
205801 TGTGTAAATA CTTTACTGAC ATACCAGACA AGTATAATCT TGTCTGCTGG
205851 TAGGCAGGAA AGAGTGATGT CCTGGAATGT TGTTGAGAAG GAAATCTCTT 205901 TGTGTTCCAC AAATGATACC CTTAAACCCT TTAAGAATAT AATTTTAAAA
205951 TGACAGCTCT GAATTTGCTT TTCCTTCCGT TTATTAACTT TTCATGCGTT
206001 TAAGTTCAGA AATGCATTTA GTTGGGAAAA AAACCATTGT GTCTGAGAAA
206051 GAAGTATCTC CCTGGTAGTT TGTGGGAAAT TATTGGTAGA AGTATCTCAG
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206151 TAAACTTTTT CTGATACTTG AGTCAGGCTT TTGGTAATTC TCTACAGGCT
206201 TAAAAAAATG CAGCATCTCC AACAACCATC CGAAACATCT ACCCAAGAAG
206251 TAATTIGGGG AGATTGTTGT TAGAACACAA ATTTTTTTTA AAGTTAGAGT
206301 TGGAGTTTTT AAATTTTATT ATTTAATGTG AGTCATTAAG ACATATGAAA 206351 AGCTGTTGTG TAGTGTTAAC ATTGAATATT CTAGTGAATG GATTTTTATA
206401 TACTTAATTA TTATAGCTGA GAGTTCACTT AAAATTATAC TGATGTTTCT
206451 GTTCAGTGAC TGAAAAAAA ATGATTATGG TTAAACCCTT AAATAATTGA

206501 CAAAACAGAC ATCACAGACT AGACCTGTGT GTGATTTCTG GGTCAGTGGT
206551 TCTTTTTCTT CTTCTTT AGTACTCCCA TCATTATTAC TTACAGTGAT 206601 TTTGTACTTC AGCTCTCACT CTAAAACCCA GCAAAATGGA GAATTATCTG
206651 TAAGAGTCTC CAAATACAAG GTTTAAAATG CTTGTTAATA ATTTTCAAAC
206701 TTTAGAAAAG TATTATATGC TTTTTTTCAT CTTGAAGTTC TTGCATTGTT
206751 AATGCATGTC ATATGTTGTA TCCTTTGTTA AAGTATTTGC TTAAAAATAT
206801 GTGGGACATT ATCCTTCATA TAGACCTGTT TTCATAAATC TGCTCTGATG
206851 AATTICTGAAA TATGGAGGCT ACTGCATTTT CAATTAAAAA TCTTAAAGGG
206901 AATACTITAA GACAAAAGAG CTAAGTAATT CAAACAAGTA TTAACTAATA
206951 TGGTAGTTTC ATGGTATCAG AAATTCAGAT TACTTCTGTG CCATCCCTTA
207001 GGCCACATGG TAAAAAGTAT CTCACTGTCA CATTAGTTGG GTTCTCATTC
207051 AGGTCAACAA GAATTAGGAG ATAAGGTAAT AGCTCATCCC TGCCGTTTAA
207101 GAGCATAACC CATAAATTIGC AGCTATCATT TACATCCCAT TGGCTAATCT 207151 TAGCTACAAG GTAATATTICA GCTGCAAGAG AGGCTGTAAA ATAAATATAT
207201 TCTCTATTTT GAGGGGCTGG GATTTAAATT TGGCTTTAAC TCAGGGGTTT
207251 CATTACTAMA GAGAMAMACT AMCAGTCTCT GCGATTACCT GTTAGCACCA
207301 TCAGCTIGTCA TTIGTCCACTC CTTCCTCTTT GAAACATTCC TCTTTGTTTT
207351 ACGTGACACA GTAATACCTA ATTTTTCTTC TATTTCTTTG TCCTCCTTGA
207401 CTCCTTTACA TATTTATTCT GGTCTGCCTA GCCACAGAAT GTTGCAGTTT
207451 GTCAAGGCTG GGCACAGGAC CCATCTTCTC TCATCCACAT CCATGGCTTC
207501 AGTTGTCAGC TGTGATTCAG TGCCTAATTC AGCTCAGATC TTTGCTCTGA
207551 CCGATTCAAC CATCTACTTA CATGTCTCAA AGGCACTTGC AGTTCAACAT 207601 GTTTTTAAAT TTTGTTCTAA ATTATATATA TAATTATATA ATCITAATTT
207651 TATGAAGTAA ATTCTATTAC CATCCTTGAT CATACACGTG AGAAACTGAA
207701 ACACAGATGG TTAAGAAACT TGACCAACAT AGCTGGTAAC TGTTATGTGA
207751 GGTTTTTGT TGTTGTTTTG TTTTTGAGGT AGGGTCTTAC TCTGTTGCCCC
207801 AGACTGAAGA GCAGTGGTGC AATCATAGCT CATTGCAACC TCAAACTCCT
207851 GGGCTCAAAC CATCCCCCAC CTCAGTCTCC CAAGTAGCAG GGACTATAGG
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207951 TATGAGGTCT CTCTATGTTG CTGAGGCTGG TTTCAAACTC CTGGCCTCAA
208001 GCAGTCCTTT CACCTCAGCT TCCCAAAGTA CTGAGATGAC AGGCGTGAGA 208051 CACGATGCCA GGTTCAGTTC TATCAGTTTT GATAAATGCA TAGAATTGGG
208101 TAACCACCAA CACAATCACA ATGCAAAACA ATTTATTTAC TCCAAAAATT
208151 TATTCTTGCA GCCACCACTG GTGGGATGTC TTCTTTCCAC CACTGACCCC
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208301 CATGTTTTCG AGATTCGTCT GTGTTACTGT ATCAGTAGTT TGTTCCTTTT
208351 TTATTATTGG GTATTATTCC GCTATATAGA TGCACTACAG TTTGTTTATA
208401 CATAATAAAC AATAAAGGAC ATTTTAGATT GTTTGCAGCT TTTGCTATGA
208451 AGAATGTTGC AGTACACATT CACAGACTGG TTTTTATGTG AACAAAACTT 208501 CTTATATCTA ATATGATTCT AGGAGTGGAT TTACTGAATC ATAGGGTAAT
208551 TAACTGTATG CTTAATTTTA TATAAACTGC CCTATTACTT TCCAGATTGC
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208651 ACTIGCTAGT GCTTGTTATT GTCAGTGTTT TTTTTTTCTT TAGTTTTAAT
208701 CATTCTGTTA GITATATAGT ATTATCTTAT TGTGGTTTTA ATCTGCATTG
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208851 CAATGGGTTG TTTTCTTTAC GTATTCTGGA TCAAAATCCT TTATCGAGCA 208901 TATTACAAAC CTTCTCTTAA TCTGTAGCTT GTCTTTTCTT TTTATTAACA
208951 CTGTAGTTCA CAGAGCAAAA AATTTTAGTT TTGAAGAAGT ACAATTTCCT
209001 TTTTTAAAAT CAACTCTTTA CTTATGTATA ATGTCTCCTA TGGGGATTTT
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209101 ATCITAACTG TITATTTTIC TITTCTATCT TAGCAGTTTC TAAGTTTACA
209151 GTTTAGTAGT ATTAAGTATA TTCACATTGT TGCACAGCCT CCAAAACTTT
209201 TTCATCATGG AAAACAGAAA ATCTGTACCC ATTAAACAAC TCTGCATTAC
209251 CTCCTCCCCC CAGTCCCTTT CTACTTTGTT TCTATGAATT TGACTGCTCT 209301 GGATACCTCA TATAAGTGGA ATTGTGCAGT ATGTGTCTTT TGTAACTGGC
209351 TTATTTTAAT TTAGCATAAC GTCCTCAAGA TTATTTTATG TTATATAATG
209401 TATCAGAATT TCTTTTTTGA GGCTGAATAT TTTATTATAT GTATATACCA
209451 CATCTTGTTA TOCATTCATC TGTAGATGGA CAGTTAGGTT GTATCCACCT
209501 CTTGGCTATT ATGAATAGTG GTATTACAAA CATGGTGTGT GAATATCTAT
209551 TIGAGATCTG CTTTCAATTT TITGATATGT ACTCAGAAGT GAAATTGCTA
209601 GATCATATAG TATTTCTATT TITAATGTTT TGAATAACTG CCATACTATT
209651 TTCCACAGTT AATAACATTT TATATTCATT CACAGTTAAT AACCATTTTA 209701 TATTCATTCC AATAGTGGGA ACAAGGTTTT AAATTTCTGA TTCTTTCTT
209701 TATTCTTTTT TGATAGTATG TATCCTAATG GGTATGAGGC GACATGCATT
209801 GTGATTGTGA TCTGTACTTC CCTAATGATT AGTGATTTTC ACTATATTTT
209851 CATGIGCTTC TIGGCCTTTT CCCCCCCAGA TITATTGAAG TATGATTGAC
209901 AAACAAAAAT TGCATATCTT TAGAGTGTAC AACATGATGT TTATATACAC
209951 AGACACATAT ACATTGTTAT TAACTGTAGT CACCACCATG CTCTACATTA

210001 GCTCTTTAAT ACT	TATTCAT CTT	GTGGCTG	AGGGTTTGTA	TCCTTTGACT
210051 AATATCGCAC TTT				
210101 AATAGGAGTT CAG				
210151 GTACTIGICT TIC				
210201 AGTTCATCCA TGT				
210251 GAATTATATT TGT				
210301 ATAGCCAAGC TATO 210351 AGAAAACATG ATG				
210401 ATATATATTT GCA				
210451 TGTCAATGGA CAC	ACCEPTED TO	CATACCT	TOCCTATION	CAATAATICT
210501 TCAATGAACA TGG	AAGTGAA GGC	ATCTICTT	CCCCATCTCT	TCCCCATAAT
210551 GATTICAATC CIT				
210601 GCCCAGGCTG AAG	IGCAGIG GIG	CGATCTT	GGCTCACTGC	AAGCCCCGCC
210651 TCCTGGGTTC ACG	CCATTCT CCT	GCCTCAG	CCTCCCCGGT	AGCTGGGACT
210701 ACAGGCGCCC ACC				
210751 CGGGGTTTCA CCG				
210801 TCCGCCCGCC TAG	SCCTCCC AAA	GTGCTGG	GATTACAGGC	GTGAGCCACT
210851 GCGCCCAGCC GAT	TTCAATC CTT	TGTGTAT	ACATTGCCAA	CCTAAATAGC
210901 AGGCAGAGAG GTT	CTCCCGAA GATA	AATGGGT	TTGTTCGAGA	CTGCATAGAG
210951 GATTTGCAGT TCT	GGGATAT GCA	GCCTATG	GGGACCACAG	GCATATCCAA
211001 AGAGGTTCAG GCA	AGGGGAT GCT	TTTAAAG	GTAAAGGAGA	AAAGTAGTAG
211051 TITATTITGA AAC	AATGACA ACA	TIGGITA	CGGGGCTTAT	CACAGGAGCT
211101 GACACCAGTT CTT	TAGTGGA AAC	IGIGICA	GGCAAGIGIT	CHIGIGCAIC
211151 TGGCTAGCTG TCC				
211201 TGGTTACAGG CATA	AIGIGUL IAA	GAGICCI	CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	CTCCCCTCCC
211301 TITIGTAAACT CCT	ACCULTA TIT	ATATATA		CACTTICACA
211351 CAGGTGACTT CAT	TTICATT CTG	ΔΤΔΩΤΤ	TTACAATACC	CACTACTICG
211401 ATTGCTGAAT CAT				
211451 CATIGITITIC TTA	AATGGCT ATA	CTAATIT	ACAATATCAC	TITATATIGE
211501 TITCTTAAAT GGC	TTACTA ATT	TACAGTG	TCACTAACGG	TGGATAAGGA
211551 TTCCCTAGTT TTC				
211601 ATGGCCAGTC TGA				
211651 CATTICTCAT TAT	TAGAGAT ATT	GAGCACT	TGTATTIGIT	<b>GGACTITIGI</b>
211701 GTATCTTTTG AGA	AATGTGT ATT	GAAGTTC	TTTCCAGTTT	TTAATAGGGT
211751 TATGTGTTCT CTT	GATATTG AGT	AGTTTGA	GTTCCTTGTA	TATTTTAGAT
211801 ATTAGCTCTT TAT	TAGATGT ATG	ATTTGCA	TATGTTTCTC	CCAATCTGGG
211851 GTTTTCTCT TCA	CTCTATT GTT	TCTTTGG	TGTGCAGAAG	CITTITAGIT
211901 TAATGCAGTT CCA				
211951 GTTATATCCA AGA	AATCTCT GTC	TGTGGAG	crimerer	TAGGITTICI
212001 TCTAGTAGTT TTA	TTTICAG GIC	TICIGCT	TAAGICTICA	AIIIAIIIIG
212051 ACTIGATICA TGT				
212101 GTGGATATTC AGT 212151 CCATTGTATG TTC				
212201 GTGGATTTAT TTC	TOGGCAL CALL	CATCOTAT	TCCATTCCTT	CATCHETCHE
212251 TITTGATGCT AGG	TATICATE TEN	CAGTATA	TTTTATAATC	TETTETE
212301 ATGCTTCCAG CTT				
212351 CCTTTGTGAT TCC	ATATGAA TTT	TAGGATT	птпппп	TITTTIGCAA
212401 AGGATCCTAA GAA				
212451 CCTAGAAAAA TGG	ATAGAAA CAT	TTAACAT	AACAAAACTG	AATCAAGAGA
212501 TTGGAAATCT GAA				
212551 AGAAGTCTGT CAT	CAGTGGA AAG	CCCAGAA	CCACATGACT	TTATGGCTGA
212601 ATTCTACCAC ACG	tttaaag aag	GGCTAAT	ACTAATCCTC	CTCAAACTCT
212651 TCTGAAAAAT TGA	agaggag gga	ATACCTC	CAGACTCATT	TTATGAGGCC
212701 AGAATCACCC TCT	TACCAAA GCC	AGACAAA	GACATTACAA	AACAAAACTA
212751 TAGGCCAGTA TTC				
212801 TAGCAAACCA TAG				
212851 AAGTGGGATT TAT 212901 TAAATGTGAC TTA	COTATT AAC	ACAATCA	CITCACATA	CTACATCATC
212951 ATTTCAATAG ATG				
213001 GATTAAAAAT CTC	TTTAACA AAT	TAGGTAC	ACAACCAATC	TTCCTCACA
213051 CAGTAGAGGC CAT	ATATICC AAC	יישייאכ	CTAACAGCAT	ACTICACTACT
213101 GAAGAGCTAA AGG	מודוודו זכי	AATATCA	TGAACAATAC	AAGATGCTTA
213151 CCTATTCTCA CCA	TTICTT TGA	ACATAGT	TCTGGAAGTC	CTAGCCAGAG
213201 CAATTAGACA AGA	gaaagaa ata	AAAGGCA	TCCTAATAGG	AAAGGATGAA
213251 GTGAAATTAT CTT	TGTTTGC TGA	CTACATG	ATCTTATACA	<b>GTTACACCTC</b>
213301 TGTATCTGTG GGT	TCTGCAT CTT	TGGATTC	AACCAACCAC	<b>AGATTGAAAA</b>
213351 TACTCAGAAA AAA	atggata GTT.	ATGCCTG	CTGAATATCT	ACAGACTTTT
213401 TICTIGICAC TCT	TCATCAA ACA	ATATAGT	ATAACAACGT	TTACATAGCA
213451 TTTACATGTA TTA	GGTATTT TAA	GTAATCT	AGCGATCATT	TAAAGTATAT

213501 GGGATAGGCA TAGGTTATAT GCAAATACTA TGCCATTTTA TATAAAGGAC
213551 TTGAGCATCC ATGGAGTTTA GTATCCTCCA GGTTGCCTGG AACTAATCCC
213601 TCATACATAC TGAGGGACAG CTATATATAG AAAATCCTAA GGACTCCACC 213651 CAAAACTGCT AGAATTCATA AACCCAATAA AGTTGCAGGG TACAAAATCA
213701 ACCTACACAA ACCAGTAGCA TTTTGTTTTA CACTAACAAC AAACTGTCTG
213751 AAAAAAATTA AGAAAACAAT CTCATTTACA ATAGTATGAA AAAATAAGTA
213801 AAACAATTAG TAAACAAGGA AGTAAAAGAT TTGTAATTTC CAAATATTTG
213851 GAAATTTTTC AGTAACTCAG TGTCTTTAAC TAATAATTTA ATCATTCTAG
213901 TAAGAAAACA TGCTTTGTAT GATTTTAGTC TTTACATTTA TTAATTTATG
213951 TAAATTAATA TGTGGGTTTT ATGATCACCC ACGACATTGT CCTAACTTGT
214001 CGACTGTTCT GTGTGCTCTT TTAAAGAAGG TAGTCTGTTG GCCGGGTGCG
214051 GTGGCTTACG CCTATAATCC CAGCACTTTG GGAGGCTGAG GCAGGCAGAT
214101 CACCTGAGGT CGGGAGTTTT AGACCAGCCG AACCAACATG GAGAAACCCG
214151 GTCTCTACTA AAAATACAAA ATTAGGCCAG GTGCGGTGGC TCACCCCTAT 214201 AATCCCAGCA CTTTGGGAGG CCTAGACGGG CGGATCACGA GGTCAGGAGA
214251 TOGAGACCAT CCTGGCTAAC ATGGTAAAAC CCCGTCTCTA CTAAAAAAA
214301 AAATACAAAA AAATTAGCTG GGGTGGTGGC AGGGGCCTGT AGTCCCAGCT
214351 ACCTGGGAGG CTGAGGCAGG AGAATGGCGT GAACACGAGA GGTAGAGCTT
214401 GCAGTGAGCC GAGATCGCAC CACTGCACTC CAGCCTGGGC AACAAAAGCA
214451 AAATTCCGTC TCAAAAAAAA AAAATATATA TTAGCTGGGC GTGGTGGCAC
214501 ATTOCTGTAA TOCTOSCTAC TTGGGAGACT GAGGCAGAAG AATCGCTTGA
214551 ACCCAGGAGG CAGAGGTTGC AGTGAGCCGA GATCATGCCA TTACACTCCA
214601 GCCTGGGCAA CAAAAGTGAA ACTCCATCTC AAAAAAAAAA
214651 AAAGAGAATG TAGTCTGTTG TTGGGTGCAG TGTTTTATAG AGGTCATTTA 214701 GTCAGTGGTC CCCAACCTTT TTGGCACCAG GGACCAGTTT TGTGAAAGAC
214701 GICAGIGGIC COCARCETT TIGGGACCAG GGACCAGITT IGIGATUSE 214751 AATTTTTCCA CAGGIGTGGG GCGGGGGTTG GTTTCGGGAT GAAACTATTT
214801 CACTICAGAT CAGGCATTAG ATTCTCATAA GGAGCACACA ACGTAGATAC
214851 CTTGCACGCA CAATTCACAG TAGGGTTCAC ACTTCTATGA GTGCGCATCT
214901 AACGTGCGG CTGATCAGGC AGTAATGCTT GCTTGCTTGT CTGCTGCTCA
214951 OCTTOTGCTG TGCAGACCAG TTCTTAATAG GCTGCAATCT GGTACTGATC
215001 CACAACCCGG GGGTTGATGA CCCCTGATTT AGGTCACTTT GGTTGATTAT
215051 GCTGCTATTC ATGTATTTGA TATTCTTGAA GAATTTCTAT TTGGTCTATT
215101 CTTTTGGTTC CTGAGAGAGA AATGATGAAG TCTCCAAGTG TAATTGTGGA 215151 TTTCTCTATT TCTCCTTTCA TTTTCTTCAG CTTTGCTTCA TCTGTGTTGA
215201 AGCTCTATTC TTAGATGCAT TCACATTTAT CAATTGTTGC ACCCTCTACA
215251 TCTCTTGGTA ATTTTTGTAT TCTGACATCT AACTTCCTCA GATTTTAACA
215301 CAATCAATCC ACTITICITY TGCTGGTGAT CACGTGGTCT CATTITACAT
215351 TCTTTTAACA TGTATGTATT ATTTTATTAC AGTTGACTTT CATATAGATA
215401 GCATTCAATT TGTATCTTGT TTGCTGTACA GTCTTAATCA GGTTTCTTAA
215451 AGTIGIGITT ATACCATTTA GTATAAATTT CCATATGTT GGGTTTATGT
215501 CIGIGACTIT ATTIGTTIGCT GTTTGCTTCC GTTTTTCATT CTTCGGTTTT 215551 CCTTTTTCTG CCTTCTTTTG AATTATTGGA ATATTTTTTA TTACTTTAAT
215601 TCATTTACTG GCATTTTAAA ATTTCTTTGT TTTGTGTGTT GCTCTAGCAA
215651 TTACAATATT CACATCTAAG TTTTCACAGT CTACTTAGAG TTAATATTTT
215701 ATCACTTGAA GTTTCTATAC ATTAGTATAG AACCCTTACA ATGATCTAGG
215751 TCAAGAAGAT AGGGAAAATG GATATTTGAT GACAGCTGGG TGTCTGCCAC
215801 AAAGGACAAC ATTAAGTTGC CTTTTAGCCC ACACTTCTCT TAATCTTTTC
215851 TGTACTGCTT GTTATGCATC CTTTAATTAT TTGTTTTATT CTATATTAAT
215901 TTCAGCCTAT AGTGTGCAAT TATATGGAAA ATAACGTTAT GTCCATGCCT 215951 CCTTTCTTGG GATATTTCCT AAATTCAGTA TGAGATTGTT GATATAGATA
216001 AGAAAACTGA CTTGCAAAGA GATTTCATTG CCCCAGGTAA CACAGCTAAG
216051 TGGGAGAGCT GCAATTTGTA CTCTGAGTCT GGTTTTGGGG TCTGCACATT
216101 TGACCACAAT GCTACTGCCT GTATTTTACT TAAGATAATA GTTATGTTTA
216151 TGACAAACCT CTAAGTATGT ATGACTTCTA AATTTACACA TTCTTTGAGT
216201 GITCTAATTT CATTIGTCATA AAAGCTTACT ATTTTCTCAT TTTTAAGACA
216251 TATTTCATAC TTCTTAAGAT AGCTCTTAAA TTTATTCCAG AAACTTTAAA
216301 CATTITIGAT ATTIGTIGAAC TAGTITTIGGA ATCAAAACAA TITIGTIGATTC
216351 CCACATAATT GCAGTTAAAT TTTTTCAGTG TAATTTTAAA AATACCTTAT 216401 GGGAAAATAC TACTGCAAGT TGTGTAACAC TTTAATTATC TATTTTTTGT
216451 AATCATAACA GCGTACACTT AACATTTGGA AAAAAAATAA ATATATTCAA
216501 AATATACTTT TTCATTTTTT TAAGGTAATA TTTGGTATTT ATAGGTCTTC
216551 AAGCCCAGGA GCCTACAACC GACAGACTGG GAACCATACT TTATACTATT
216601 AGTGAATAAT AATAACAAAA ATAAGATTTA CATTTTTTCT TAGGATACCA
216651 GAGTIGAATA AATTCAAATT TAGAAACACA TATACATGTA TATGTATAAA
216701 ATATATGTAT ATCAAAGAAC TAGAATTTTT AATCAGACTC AAACCTTACC
216751 AGTIGAAATIG GAATACTICTT TACATTATCC ACCTAAAATIG TTICCTATTAA
216801 CCATGTGGTT TTAAGAGGTA TTTAAATTTT GGAATTTTTA ATAGCTATCT 216851 GTTTCTTCTG TAACTTTGAT TATATTATAG CTTTTCTTGA ATGAGGAGAT
216901 AAAACAGATG TAAATATTAA GACAAAAGCT TGATGCCTAT GAAACAAATT
216951 ATTTCCAAGT ACATAGAGTG AAAATACTTT AAAAGCCTTT GAATTTGGCA

## FIGURE 3JJJ

	ACTITCTCTT				
	TCTTAATGAA				
	GTAGGGAAAT				
	TCTTTCTTAA				
	псппсп				
	CCAATATTTG				
217301	TTGGAAAAGC	CGCAGGTAAC	AGTGTAAATT	CTAGTTTTAC	AAATGTAGTA
	ATAAAGAATA				
217401	ATACTCAGTA	AGTITCAGGG	TATTAGATTG	ATAMAGCAAT	ACCIGGATTA
	ATGACTAGTC				
	TATGTTGCAT				
	TTGGCCATAA				
51760T	ACTGATTTTC	IGARICATIC	AAGIICIACA	CACACTEATA	CCCATTATET
517201	CTATTATTTA TTCAGTCATA	CCACACACACA	ACCTTTCCAC	CATALACCA	ATTETTCACE
	TATTCAAGCA				
	GAGATCAAGG				
217851	TAAAATTTTG	GIAACTIGITT	CACCAAAATA	AATACTGTAC	TATATTTICST
217001	TICITICCIT	CAATCCTGTT	ΑΤΙΞΤΑΑΑΙΤΑ	AACAAACCTG	TTTTCAGAAT
217951	ATCTAACCTT	TAGTTGAGTA	AATGACAGGT	AGGAAATAAA	GCIGITGATA
218001	CAGGAGAATG	AGTAAGTGAA	AAAATCCATC	CTTTGTCAAC	CACTCTTATT
218051	TTTTAAATTG	AATCIGCTIT	CAGTTTCAGT	AGTTGGGAGT	GCTAGATGTA
218101	CATAGCTTAA	TGGATTTGGT	GCTTAAAATT	CIGGITTICI	TCTTTTACTT
218151	ACATTCCAAC	ATCACAATAG	AAAATAATGC	AAATAGCCTT	CTAAATGATT
218201	<b>GATATATGAT</b>	<b>GATATGTTAG</b>	<b>GCTTATTTAT</b>	<b>TGAGTCAATG</b>	CTTCACACCT
218251	GTCIGIGIC	ACAACACCTC	CCTTAGAGGA	TAAGGTTTTT	ПППППП
218301	AAAAAGCGAT	TCTTTCTTGT	<b>AATGCCACAG</b>	<b>GCATTATAAA</b>	TCTCTCAATT
	<b>GAAAAATACT</b>				
218401	CCCTTTGTAT	<b>ACTIGITITY</b>	TAAAGTTGAT	<b>TGCTTATTAT</b>	CACATTGCTC
218451	<b>TATGIGIATT</b>	CCCATTTTTT	AAACTTTGAC	AAGATACTAA	TTTTATATT
	CATGGTAATA				
	TACTGAAAAC				
218601	TGTAGGATGA	GAAAGATTTT	ACTIGITIGG	TGGTACATGG	AAATTTGACC
218651	CCACATGGAA	CAAAAGTTAA	CATTGTCATG	AAACTACTAA	AMMATIGET
218701	CGTGTCATTT	TAGCCTACAT	TAATTATAGC	ATCIAGATIG	CATAACTAAT
218/51	AACTTCATAG	TATTCIGICC	TGGTGAGATG	ACATCIAGAA	IATAACACAC ACACCCAACC
2100C1	AATTTTGAGA TCCACAGCAT	ATTITACCA	TOCATOATAC	AATCTAAAAT	ACAGGCAAGG
	TICATGIGIT				
218951	AGTITCTAGC	ΔΑΔΑΓΔΑΔΑΔ	GAATAACTTT	GGGGAATT	GGAATTTTTC
219001	ACTAGGGGAC	песпепс	TGGTAGGCAT	TGATCTCCCA	GIIGIICIGG
219051	GTGCTTTTAA	AAATTATATT	ACATTTCTGC	TGCATTGACT	AGGAAGTTAA
219101	<b>AATTAGCCAG</b>	<b>GCATGGTGGC</b>	GTGGGCCTGT	<b>AGTCCCAGCT</b>	ACTCAGGAGA
219151	CTGAGGCAGA	<b>AGAATCGCTT</b>	GAACCCAGAG	GCGGAGGTTG	CAGTGAGCCA
219201	AAATTGCCCCC	ACTGCACTCT	CCAGTCTGGG	TGACAGAGCG	AGACTCGGTC
219251	TCAAAACAA	AACAAAACAA	ACAAACAAAA	AAACAGIGIT	ACTICTATAGT
	GTACTGTGTT				
	AUNIAIUIIA		TCATTTAATA		TCAGTAGGGT
				TTTTGAGCTT	GATGGGTTTA
219451	TCAGAATGGA	<b>ACTCCGTTGT</b>	<b>AAGTAGAGGC</b>	TTTTGAGCTT	GATGGGTTTA TCTTTGGAGA
219501	TCAGAATGGA AACGTCTATG	ACTCCGTTGT	AAGTAGAGGC GCCCACTTTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT
219501 219551	TCAGAATGGA AACGTCTATG TGTTTGTTGT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA
219501 219551 219601 219651	TCAGAATGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA	GATGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA
219501 219551 219601 219651 219701	TCAGAATGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA
219501 219551 219601 219651 219701 219751	TCAGAATIGGA AACGTCTATIG TIGTTTIGTTIGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTIGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTIGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGAG	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTTT	AAGTAGAGGC GCCCACTITT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA ACCAGAGAGAGG TTTAATTGTT	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TCGCTGATGTT GCTGCACAGTG TTGGCTGTTT TTTGGATACTT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TCGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACAG GCAAGAGAGAC TTTAATTGT CCTTATTACA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGACAGTG TTGCCTGACAGTG TTTGGCTGGTT TTTGGATACT TAGAGTTACT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT AGCATTAAAT AATTATCACT CATTTGTCAA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001 220051	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGAG TTTAATTGTT CCTTATTACA ATGCATGCAT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TTAGAGTTACT GTAAGTACAC	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATTTTTGC ATCTTTTTTTTAATTTTTTTTTT	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 219951 220001 220051 220101	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATGCATGCAT CTATCATAGA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGACTAGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGATT TTTGGGTTACT TAGAGTTACT TAGAGTTACAC TGTAAAGTCT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC	TTTTGAGCTT TCGATCTIGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGACA	GATGGGTTTA TCTTTGGAGA GTTTGTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 220001 220051 220101 220151 220201	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTIGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATIGCATIGCAT CTATTACA ATIGCATIGCAT GAATIGTTCGT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT GTAAGTACAC TGTAAAGTACAC TGTAAAGTCT GCCTAGTCTA CATATAAATA	AAGTAGAGGC GCCCACTITT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCAT CATTTGTCAT AATTATACAT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA	TTTTGAGCTT TCGATCTIGCA GAGCTIGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGTACT ATGTAGGAAT TCGGTAGTACT ATTTTAGAAAG	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 219901 220051 220051 220101 220151 220201 220251	TCAGAATIGGA AACGTCTATG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGG TTTAATTGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCATG GAATGTTCGT ACTAACATTT	ACTCCGTTGT CAAGTTTTT TGTTGGGTTT GATAGATGAT TCACTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT GCTGACAGTG TTGGCTGTT TTTGGATACT TAGAGTTACT GTAAGTACAC TGTAAGTCTA GCCTAGTCTA GCCTAGTCTA GCCTAGTCTA GCATAAAATA GGATAAAGCA	AAGTAGAGGC GCCCACTITT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAAA ATGCATATAAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGTAC TGGGTAGACA TGGTAGACA TGGTAGACA TGGTAGACA TGGTATTATAT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 220001 220051 220101 220151 220201 220251 220301	TCAGAATIGGA AACGTCTATIG TIGTTIGTTIGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCAT GAATGTTACT ACTAACATTT ACTAACATTT TTTTTCTTCA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGTTGCGA ATAGTATTT TTGACTATTT TTGACTATTT CCTTGACAGTG TTGGCTGATTT TTTGGATACT TTGGATACT TTGGATACT TAGAGTTACT TAGAGTTACT GTAAGTACAC TGTAAAGTCT CCTTAGTCTA CATATAAATA GGATAAAGCA TCTTTAAATT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTIGTA TAAGACCATT GAATTGGTAT TTCCTCCTTT AATATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTC GATATATTTT GTCATATTTC	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTAATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGT TCGGTAGT TCGGTAGT TCGGTAGT TTTAGAAAG TGTATTTAGAAAG TGTATTTAGAAAG TGTATTTAGAAAG TGTATTTAGAAAG TGTATTTATT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA TCATCTCATC
219501 219551 219601 219651 219701 219751 219801 219851 220001 220051 220101 220151 220201 220251 220301 220351	TCAGAATIGGA AACGTCTATIG TGTTTGTTGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGG TTTAATTGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCATG GAATGTTCGT ACTAACATTT TTTTTTCATG GATTTCATGT	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGTTGCCA ATACGATGAT TTGACTATTT TTGACTATTT TTGACTATTT CCTTGACAGTG TTGGCTGTTT TTTGGATACT TAGAGTTACT TAGAGTTACT TAGAGTTACT GCTAGTCTA CATATAAATA GGATAAAGCA TCTTTAAATT CCCTCTTAAA	AAGTAGAGGC GCCCACTITT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATATTTA GATATATTC CAACTTGAGA	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGACA TCGTACTCTT ATTTTAGAAAG TGTACTCTT ATTTAGAAAG TGTATTATAT CAAGGAATCT TACGTTAACT TACGTTAACT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTIGTGGGTT CCCCTCCTAA ATTGTCCTTA ATTGTCCTTA CTGTGAAGTT TAGAACAATA CAATGTATGT TAGAACAATA GAATGTATGT TACTACAGTG GCAGTCATGT AAGTTTTGGT CATCAGAAAA ATTGTGAGTTA ATTCATTGTT TTTTTTTTTT
219501 219551 219601 219651 219701 219751 219801 219851 219901 220051 220001 220101 220251 220201 220251 220301 220351 220401	TCAGAATIGGA AACGTCTATIG TIGTTIGTTIGT TCCCTTATCA GCCTTTTTAC AAGGGGGGAT GAGCTTTAGG ATCTAAAACT AACTGGGACA GCAAGAGAGG TTTAATTIGTT CCTTATTACA ATGCATGCAT CTATCATAGA TTTATTCAT GAATGTTACT ACTAACATTT ACTAACATTT TTTTTCTTCA	ACTCCGTTGT CAAGTTTTT TGTTGCGTTT TGTTGCCA ATATGTATTT TTGACTATTT CCTTGATGTT CCTTGATGTT TTTGGCTGTTT TTTGGCTGTTT TTTGGATACT TAGAGTTACT TAGAGTTACT GTAAAGTCT GCCTAGTCTA CATATAAATA GCATAAAGCA TCTTTAAATA TCACTTCATT	AAGTAGAGGC GCCCACTTTT TAGGTATTCC TTGCAAACAT CTTTTTTGTA TAAGACCATT GAATTCGTAT TTCCTCCTTT AATATAGGTT GCATTAAAT AATTATAGGTT GGCATTAAAT AATTATCACT CATTTGTCAA ATGCATATAG TTCACAGGCC GCATGGTTCC AATATATTTA GATATAATTT GTCATATTTC CAACTTGAGA CTGTGGCCTT	TTTTGAGCTT TCGATCTGCA GAGCTGGGTT CTATATATTC TTTCTTTCAT GCAAACGTGA CCTTGGCAGT GGTCTTTGAC CTTTGATGTT ATATTTTTGC ATCTGTATCA GAACATGACC ATGTAGGAAT CCTTGGTAGT TCGGTAGACA TCGTACTCTT ATTTAGAAAG TGTATTTATAT CAAGGAATCT TAAGTTAACT TAAGTTAACT TAAGTTAACT	GATGGGTTTA TCTTTGGAGA GTTTGTTTTT TGGATATTAA TCTGTGGGTT CCCCTCCTAA ATTGTCCTTA ATTGTCCTTA CTGTGAAGTT TAGAACAATA CAGTGAAGTT TAGAACAATA GAATGTATGT TACTACAGTG GCAGTCATGT AAGTTTTGGT CATCAGAAAA ATTGTGATAA ATTGTGATAA ATTGTGATAATCT GAATGGTAAGT CATCGTAATCT GAATGGTAAGT CATCGTAATCT GAATGGTAGT

220501 ATGGCTGTGA AAAGTACTTC TTTACCTAAT ACAGGATTGC ATAACTACT
220551 GCTTTTCCCT TAAAAATAAT CTGCAGTATA CATGGATCTT AAAATAGGA
220601 TGATAACTCT TTTGTAGAAA TATTAGGGGA TCAGAAGAGA TAATTTATA
220651 GAATCATTIG GCTTACAATT TGTTGTAAAG TGAGGCCTTG AGACGCAAT/
220701 GCTATTACAG GGTGAGCATT CTAAGTTGGA AAATTCAAGA CCTGAAATG
220751 TCCAAAATTT GAAACTTTTG AGTTCTAACA TAATGCTTGA AGGAAATGC
220801 CATTGGAGCA TITTAGGATTT TGGATTTTAA GGTTTGGGAT GCTCAACCC
220851 AAACCAGTAA GTATGTATAA TGCAAATATT ACAAAATCCA AAAAAAATC
220901 GAAATCTGAA ACACTCTGGT CCCAAGCAAT TCAGATAAGG GGTATTCAC
220951 CTGTATTATT AGTTTTTCCA GAAAAAAAA AAAAAGATTA TCAAAGATA
221001 ACACCCGACT TTAGCACTAA AATTITTAAG TTGTTGTACC TTCAATTGC
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221101 AAATATTTCA GCAAGTTTTC AGCAGTCGTC GCTATTACAT TAACTATAAA
221151 TAATCTTTTG GGAGACCTAT CAACATCTAC TTTCTCTTTC ACAATTTGA
221201 AATTAACGTA TATCACATCT GTGCCTTTCT TTCTAGGGAT TTCCAAGATT
221251 TGATGGAATT TGCAATGGTT GATGTATATA TGGCTCTTAT CCATTGTCA
221301 TAACCCACCT TCTTATGAGC TTTTCCAATT TTCGGGCAAA TAACTAAGTA
221351 CAGTATTTGT GCTGATATAG GTACAAGAGT TTAAAGAAGG CATGACTTA
221401 GTGTTACTAA GAGGAAATAA GGAGAAATTA TGTTAATAAA TTGGCATTA
221451 ATACTAATAA AGTTAGTCTC CAATCTGTGG AAACATGAAG AATAGAATG
221501 AATGCTTTGC ATTTCTCGGT GGATGAATGA TTTTAAAATT TCATACATG
221551 GGGAGAAAAT AAAAATACTC CTGAACCCAA AGCTTGACTT CATTCAGGG
221601 TATGCATAAA CITCTCTCTC TTTTTTTTT TTTTTCCTTT AACCTGAAA
221651 GACATTTAGA AAGCTAAATC TATTTTTCCT TCTTTTCAGT CAGAAAGTC
221701 GGCCTCACCA GCAACAGACT ACTGGTGTTT TGTAAGGGCT ATATAATGT
221751 TTCATOGTAA TGCTATATAA TGTTTTCATC TTTGTATTCG TTAGCCCAG
221801 CTTTTTGTTT AGTACTAGGA AGTATTTCCA CAGATGTTGA GTGAGTGGA
221851 AAATGAATTA ACTTGTGTGG TATACCTGGG GAAAAGGCAG TAAATGGGTA
221901 GAAAAACTCA AGAATAATCT ACACCTATGG GGTTGACAAC TTTTCCAGT
221951 GCTCTAGGAA TTACTGTAAT CATTTTCTTT CTGTTATACT GCCTTATAG
222001 TCTGATGGAA ATTTTGAAAA GAGTGTGTTC TCATTGTTTA GCTCTATATA
222051 TCTGTTGGCT TCATTTGCTT TTAATATTTT TTTCTAATAG ATACCTTTC
222101 GGCTTGCACA GCAAAGTTCA ATTAATGTAA GGATAAAATG TAAATTATC
222151 AATTCAGCTT ATTTACATGC TGTAAGTAAT ATAGTAATGC TAACTGGGC
222201 TTCCTTGGCT TTTGTTTCAT TGTGATCTGA GCTCAGATTA TAGTTTGATC
222251 TICCTATGCGC TIGACCTGGGT GCCAGATGCA AGGGAAGCCA GTAAATAAT
222301 CTATAAAGAG AGATGCTAGC TTTAGTTTTG AAAGGACGAT GACTTGTAA
222351 TGAGACTGTT GTAAACCACA CAGTAATTAA AAAGCTCCAT AATTAAAAG
222401 GATATTTCCT TTCTTTAACC TGTCTTAAAT GTTAGATATG ATTAAAAGC
222451 AAAGCATTTC TCTCAATAAA GTTGGGGGAA AAGTACTTGT TTTTATAGT
222501 AGTTTTTGAA ACATAGGAAA AGTGACCTCA AAGAACCTGT GTTGTAAAA
2223UL AGIIIIIGAA ACAIAGGAAA AGIGACCICA AAGAACCIGI GIIGIAAAAA
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222601 TGGTCATACT AGTTTATGAA TAGTTCTGAA TGGCCTTGTA GTCTTCTGT
222651 GGTTTTGGTT TCATCTTTCA GTAGATGGAC CTGTGGAAAA GTGGAACTG
222701 CTTTGAAAAT GTACTGGAAG CAGTTATTTT CCTAAGACAA TAATTTTTT
222751 TCTCTTTTCC ATTTTCTTTA GAACATACAG GCTAGAAGAT CCACTCAGO
222801 TITAATGCAT ATGACTTTAC ATTGCTGTTT ATCTTTTGT TTATCCCGA
222851 ATTGGAAGCT TCTAAAAGGC AGAGATTCAC TCTCTTCCTG TGGTGGTTC
222901 AGAGGCTGTG CCTTGCATAG AGTTAATTTT TAAAAAATAA TTAATAATT
222951 TTTTTCTTAC CATTTCTATT ACTCATTTTT CAATTTGGAG AATAATTTT
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223051 TTGCCCAATT TTTGAATGAA ACTGAAAACT GTGGACAGAT ACATCAGGG
223101 AGAGGAACAT ACAGAGTAAA AGACATAAAA GCCTTAAAGT TGCTTCAGT
223151 TCTTCATTTC ATCTTGTAAA TTACACAGGA GTCCTTCAGA TAAAACTCA
223201 TGGTTATATG ACAAATTAAG CAATTAGATT ACTGCACACC TAATAATAG
223251 AGCAAATAAT GCACTTTCAA TCTGCTAATA TGTTAAGCAC TTTTCATTA
223301 CTCTTCCTTT TACATAAGGG GAATCTGAAG TTTAGGGAAT TTAAAACTT
223351 CACAAAGTTA GTAGTCAGTA GTTTATATAC TAGTATTAAA TCTGTTTAA
223401 TCCAAAGCCG GTGACATTAA CAGTTTCCAA ACGATAATAA CAAAAGTGA
223451 AAATGTTAGT ATCATTCCTT GAGAATTCAC TACATAAAAT TCTCTTCCA
223501 ATATTTACTC ATTTTATAGA TTAGGAAACT GATCCCCAAT GAGGTATAT
223551 CTTTTGGTAT ATTGGTTAAA GAATAATATA TCTACTTGAG AGTGGCATO
223601 TAATTACTGA AAACTGGACT ACGAACTTTT AAAGTTTAAT TAACAGTAA
223651 TTAATGTATT TITATGTTAT TICTTAATCT TIGGATTATT TITICITTI
223701 GGAGGITIGTG TATACTICTGA ATACTITATAG CAGTACTTCA GAACAATTT.
223751 GAACATATTT GTACTTCTAA TGCAAATTTA ATGTCTAGAA TCCTGTTAA
223801 ACATGTGATA AATGCCAACA GAAAGAGATT GATTTGCTGT CATGAATTA
223851 ACTGACAGAT TTCTCAACAA CACTAGATGC AAGAGGCCAC TAAATAGGA
223901 ACTAACTITG AACCTAAGAT TITATCCAAC TAACTTATIT AAATATGAG
223951 GAGAAGTAAG GATATTTGCT CATATACAAG ATCTCAGAAA ACTTACTGT.

224001 CCAACACTAT TTCTGAAAAG CACCAGGCAA GAAAAGTATG TCCAGAAGGA
224051 ACTAGTGAGA TATAGTTAGT AAAAGGAAAT AAAGAACCCA AGAAAGGGTA 224101 TAGTTTTATA GCCACACAAT GGGGAGAAA ACGGAAAAGA AGGGGAAAGA
224101 TAGTITTATA GCCACACAT GGGGGGGGGGA ACGCACATAAA ACTCCAGGTA
224201 ATATTAGTCT TTCAGCAGTT ATGGGGACAA GATGGGTAAG GAAGTCAGTT
224251 AGAGATCAGA GTAGGTGAAA ATTITGAGGT TCTTGTATTC ATCAGGGAAA
224301 GTATTTATGA ACTTTAGACA CTAACAGTGA AAAATATGCA TAGTTATGAA
224351 ACTCAAAATT AAGCTCTCTG TTTAATAATA GACATCAGAG ATAACATGAA
224401 CAGATACTGA TAAATTGAGA AAAGAGCTTC AGTACCAAAT GAAACAAAGA
224451 ACACAGATTT CCAGGTGCTT TTTTATCTGA TCATGTTGCA GCACCATTGG
224501 AACCATIGIG TCACTITAAC CAAGCCTCCA ATATITITAT TCTTTCAGAT
224551 CACAAGGGT GGATGCCAAA CCTCTCATTT TTTTCCTCAT GATTACACTA
224601 CAAGGCAAAG CGCACAGGGT TTGAGTTCGT TGCAGTTGCT AGGGACATAC
224651 ACCTAGGGAC TGACTACTAG GGCAACCTAT GCTGTCATGT CACATTGTTC 224701 ATAAGTCTTC QGTGAGCAAA GATCTGTCCC AACAAATGCC CCATACTCCT
224701 ATAMSTETTE CONGRESSION CONTROL ACCURATE CONTROL CONTROL TOCTTATAC
224801 TGGAAACTCC AAGATCTATA ACATTTTATC ATAAACTTGA TCTTATTTTA
224851 TATTATATAT TIGIGITCCC ATTICACTCT TCIGITATCT TACTCTAACA
224901 CTTAAATGCT GTATGATCAA AGTTAACTAA TTTCTTAAAT TTAATGAATC
224951 TCTTTAAACC AGGAGATGTC ATGTCTTGGT TGTGCATGGT ATACATAGGA
225001 ATGATAGTTT AAGGAAACCC ATTTCTAGAT CTTTAGTGCC TAAAACTGAT
225051 CTGCTTGAGA ATTCACTTGT GATGGGGGTG GAAGTTTCTC TTCTCCAAAC
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225201 TACTCAGTAC CAGTITACTG AGTGTGGTCT GAAGATCATA ATAATTACCA
225251 TTTGCCTTTT TCATTCTTAT TTTCTCAGTA GITACAATTA AAAAAGATTT
225301 TCAGTTGTTA TCTGTCATCA TTCCTGATAT ATAATATAGA CAGATTTCAA
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225451 TAGAATCTAA AAAATTGAAT TGTAGCAATA AGTAATAGTT TACAATGTCT
225501 ATAAAAATTC ACTGGGGAGG GAGACTAATA AGAGGATTCC AGCTGTCTCA
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225651 AATCCAGAAG AAACGTAATA CITAGAACCT TATGITCATA TGAGTGAACA
225701 TTTTTTAAAA TTTCAAAATA TGTGCATATT TTTCTAAGAA TTATTACAAG
225751 ATGATCAGAG AAAGAAGGAA ATTCTATTGG GATAGTAGAG TAGAAGTACA
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225851 AAATAGATGG TAGTGTTAAA TCACTGTATA TTTAAATCTG TTGAATATGT
225901 TGAAAGAGTT GATGTAAAGG TCTTATTTTA AAATCTCAAT ATTTACAAAA
225951 CTCTGGAAAT TACATCCTTT ACCACTATTT AAACATGGGT ACATGTGAGA
226001 AGGCAAAAAT CTCAATTTTC TTTTTTAAGT ATACATACAG TTCCTTTTTA 226051 GCACTAAGAG CTACGTGTGC ATAATGATTG AGACCAGAAC TCCACATTTT
226101 GTTGAAAAGT GGGGAGTGAG GGGGAGAGA AGAAATGCTT TTAAAATTAA
226151 ACAATGAAAC TTTTCCGGGG AGTAGTGAAG AGTGGGTGGT TATAAAATGA
226201 CTTGGAAGCA GATCAGCTGG AAAGGTGAAA GAATCAGAAA GCAAATATAG
226251 CAGTGGATAA TGGAGTTGAT CTGTAGCTAG CCTATAGCAA CTGCCTTTAC
226301 TATATTITAA TATGTGCCAT TAAGTGTGTC TCTTGATTGC TTCTGCTTTC
226351 TGCCAGTATG GCTTACTGTT GTAACTAGAG TTAGTTAGCT GGCCCACTGA
226401 TACCACCACC AGAGCCTTTT CTAATCTATT ATAGATTTCT AACGTGGGAT 226451 AGGAGGCCAA CAATGTTTCT TTGATTACAA ATAGGAGGTA CATACCTTGC
226501 CAAAAATTTG CAACATGATA GAATTGAAGT CAGTACAGAA CACACACACA
226551 CTCTATTTTT TTTTTTTTT TTGAGACAGA GTCTCGCTCT GTCGACCAGG
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226651 CTCAAGCAAT TCTCTTGCCT CAGCCTCCCG AGTAGCTGGG ATTACAGGCA
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226751 CACCATGITG GCCAGGCTGG TCTCGAATTC CTGACCTCAG GTAATCCGCC
226801 TGCCTCGGCC TCCCAAAGTG CTGGGATTAT AGGCGTGAGC CACGGGGCCCT 226851 GGCACACACA CACTGTTTTT ATACCACTGT TACTTTACAG TTTGCCCAAG
226901 TTATGACAGA GATGGCACTT ATACTTAGTA AATAAATTTG ATAAGTTACA
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227151 AAAAGGTGAG GAAAAAGTTA ATGTCTGGGG ATGGGAATAA AATGAGAAAT
227201 GGGGTTTAGC TGTCTATAAT AAAACAAATA GAAAATGAAG ACCAAAGCTT 227251 TTTCTCTGCT TGGATTTGTA CTTTTCAATT TCATAATATG TTTGTCTAAA
227301 TCAGTGATTA TCAAAAGGGC TCTAAGGTGT GCATCTGAGA ATTATGCATG
227351 TACATCAGAA TATGCAAATG TTCTCTTTTC TTCATAAGAT TCTGGTACAA
227401 CTTAATGATC TTAAAAAATG CTTACCCAAT CCCACCTCAC ATAGGCACAC
227451 ACAAAAACCA CTGGATATTT AGATGGAACT GTGCTGTTCA TTTCAATGGT

# FIGURE 3MMM

Rec'd PCT/PTO 03 SEP 2004 PCT/US03/06670 10/506549

227501	GTTGAAGCCT	<b>AACTAATGTG</b>	<b>ATTTTCATCA</b>	TGTAGCAAAC	ATTTAAAACT
		CTAAGCATTA			
22/6UI	AGICICACIC	TGTCGCCCAG	CATTONACIO	AAIGACAIGA	TCTCTGCTGA
		CGTCTCCTAG			
227701	<b>AAGTTAGCTG</b>	<b>GGACTACAGG</b>	CACACGCCTG	TAGTTCAACA	TATGCAAATC
		<b>ATACATCACA</b>			
		AGATACAGAA			
227001	TAICIO	AGAIACAGAA	AGGCCTCCG	AIAVAGETCA	ACACCCCIII
22/851	ATGCTAAAAA	TACTCAATAA	ACIAGGIATI	GATGGAACAT	AICICAAAI
227901	AATAAGAGCT	<b>ATTCATGACA</b>	AACCCACAGC	CAGTATCATA	CTGAATAGGC
227951	AAAAGCTGGA	<b>AGCATTCCCT</b>	TTGAAAACTG	GCACAAGAAA	AGGATGCCCT
220001	CTCTCACCAC	TCCTGTTCAA	CATACTACTC	CAACTICICC	CCACCCCAAT
220001	CICIOACCAC	10CIGITOM	ACCOUNTABLE	AATACCAACA	CACCAACTICA
		AAAGAAATAA			
		<b>GTTTGCAGAT</b>			
228151	ATCTCAGCCC	AAAAACTCCT	TAAGCTGATA	AGCAACTTCA	GCAAAGTCCC
228201	ACCATACAAA	<b>ATCAATGTGC</b>	ΔΔΔGΔΤΓΔCΔ	ACCATTCCTA	ΤΔCΔCCΔΔΤΔ
220201	ATAAACACAC	AGCCAAATCA	TCACTCAACT	CCCATTCACA	ATTOCTAAAA
220231	AIAWUAGAG	TACCAATICA	ACTTACAACC	CATCTCACA	ACCOCCIONANA
22830T	AGAGAA IACC	TAGGAATCCA	ACT TACAAGG	GAIGIGAAGG	ACCICITIAA
228351	GGAGAACTAC	AAACGACTGC	TCAAGGAAAAT	AAGATAGGAC	ACAAACAAAT
228401	GAAAAAATAT	CCCATGTGCT	CATGGATATG	AAGAATCAAT	ATCATGAAAG
		<b>GCCCAAAGTA</b>			
220731	CTACCATTCA	CTTCCTTCAC	ACAATTACAA	CAAACTACTT	TAACTITCAT
220301	CIACATICA	CI ICCI ICC	ATATA CCCA	CACAATTE	ACCAAAAA
228551	ATGGAACCAA	AAAATAGCCC	AIAIAGCCAA	GACAATCCTA	ACCAMANGA
228601	ACAAAGCTGG	<b>AGACGTCACA</b>	CTACCTGACT	TCAAACTATA	CTGCAAGGCT
		<b>AAGCAGCATG</b>			
228701	ATGAMACAGA	ACAGAGGCCT	CAGAAATAAC	ACCACACATC	TACAATCACC
220701	TICATOR	CAAACCTGAC	AAAAACAACC	AATTCCCCAAA	CCATTCCCTC
		GGTGTTGGAA			
228851	AACTGGACTC	CTTCCTTACA	CCTTATACAA	AAATTAACTC	AAGATGGATT
228901	ΔΔΔGΔCΤΤΑΔ	<b>ACATAAGACC</b>	TAAAACCATA	AAGACCCTAG	AAGAAAACCT
228051	ACCCATTACC	GTTCAGGAAG	TAGGCATGGG	CAAAGACTTC	ΑΤΓΑΛΤΑΔΑΔ
220331	CACCAAAACC	AAAGGCACCA	AAACCCAAAA	TTCACAAATC	CCATCTAATT
		GCTTCTGCAC			
229101	CAACCTACAG	<b>AGTGGGAGAA</b>	AATTTTTACA	GTCTATGCAT	CTTACAAAGG
		<b>AGAATCTACA</b>			
		CATCAAAAAG			
223201	ACACACTEC	CAAACAAACA	CCTTATCCA	ACCAACAAC	ATAACAAAA
		CAAAGAAAGA			
229301	AAGGTCATCA	CTGGTCATTA	GAGAAATGCA	AATCAAAACC	ACAATGAGAT
229351	ACCATCTCTC	<b>ACCAGTTAGA</b>	<b>ATGGTGATCA</b>	TTAAAAAGTC	CAGAAACAAC
229401	AGATICTICGA	GAGGATGTGG	AGAAATAGGA	ACCCTTTTAC	ACTGTTGGTG
		TTAGTTCAAC			
		AACAGAAAGA			
229551	ATATACCCAA	<b>ATGATTATGA</b>	ATCATTCTAT	AAAGACACAT	GCACACGTAT
229601	GTTTATTGCA	<b>GCACTATTCA</b>	CAATAGTAAA	AACTTGGAAC	CAACCCATAT
229651	CCCCATCAAT	GATAGACTGA	ΔΑΤΔΔΑΓΔΔΔ	ATIGTICICACA	TATACACCAT
220701	CAAATACTAT	GCAGCCATAA	AAAAGAATGA	CTTCATCTCC	TTTCTACCCA
229701	GAMAIACIAI	ACTION	ATTATTOTA	GITCATGICC	1 CI CCA A CA C
229/51	CATGGI IGAA	ACTGGAAACC	AICATICCA	GCAAACTAAC	ALAGGAACAG
		<b>ACCTCACATT</b>			
229851	<b>AACACATGGA</b>	CACAGGGAGG	<b>GGAACATAAC</b>	ACACTGGGGC	CTGTCGGGGG
		GAAAGGGGAG			
220051	ATCATICATO	GATGGGTGCA	GCAAACTTAC	CATCCCACAT	GTATACCTAT
23000I	GIAACAAACC	TGCACACCTA	IGIANCANC	CIGCACATIC	IGCACACGIA
230051	TCCCAGAACT	TAAAGTATAA	IAATAAGCAA	AGATAATTAG	AAGACAAGCT
230101	ACAGGCTGGG	<b>GGAGAATATT</b>	TGCAAAAGAC	ACATCTGATA	AAGGACTGTT
		CACAAAGAGC			
		<b>AAAATGGGTG</b>			
220201	CATATICCACA	TATCAAATAA	CCATATCAAA	ACATAATCTA	CATTATACAT
43U43T	GAIAICACA	IAICAMIM	AMOUNIA	TOMINATURA	CTIMIACAL
		ATGCAAATTA			
		CCAGAACACT			
		CTTTCATTCA			
		ACAGTTGGAT			
		TTGCGCTCCT			
73030T	GATUAACAG	1 IGUSCIUCI	CAATCALIAC	ACCACCACO	TOWWOOL
230551	TCCACACAAA	AACCTGCATA	CAAIGITTAT	AUGAGCTTTA	FICATAATTG
230601	CCAAAAGTTG	GAAGCAAGGG	ATAGCTGACA	TCTGATGGAT	AAAATAATAA
230651	ATAGAAGAGA	<b>AACTTGGGAG</b>	<b>ACTGAGATTT</b>	CTTTAACAGC	<b>GGTTATAATA</b>
230701	CCTAACATTT	ATTGAATACT	TAAGTGCCAT	GCAGTGTCTT	GAATGCTTAT
220751	CTTAAATTAT	ATATCTTCCC	AATAACAACC	ACATCTATCT	CATTATCAAA
/ DOM: 17</td <td>CAALLICET</td> <td>CTTGATTACT</td> <td></td> <td></td> <td></td>	CAALLICET	CTTGATTACT			
230851	<b>ATTATCTCAG</b>	TGGGCAATTG	AGICAIGICC	IAGCITICCTC	TTTTAGGTGG
230851 230901	ATTATCTCAG AAACTTGACA	<b>GGCCTAGAAT</b>	GTCCACAGTG	<b>GCTCACCTAT</b>	ATGTCTGGCT
230851 230901	ATTATCTCAG AAACTTGACA	<b>GGCCTAGAAT</b>	GTCCACAGTG	<b>GCTCACCTAT</b>	ATGTCTGGCT
230851 230901	ATTATCTCAG AAACTTGACA	TGGGCAATTG GGCCTAGAAT TTTCTCCTGT	GTCCACAGTG	<b>GCTCACCTAT</b>	ATGTCTGGCT

221001					
Z 3 11 W.T.	CTACAGCATG	<b>GGCTTCTCAC</b>	<b>AGCATGGCAG</b>	CCGAGTTCCA	AGGCAGAACA
231051	TITCAAGCCT	TGGAAAGGAA	AAGCTGCAGA	TCCCTGAAGG	CTCACTCTGA
			CCAATTCTCT		
			AATTTCATGT		
			ACCCATTTTT		
231251	AGTTCCAGGG	GACAIGIGCA	GGATGTGCAG	ATTIGITACA	IAGGIAAACG
231301	TGTTTGCACC	CGTCTTTAAC	CCACTACAGA	TATTATGATA	GITICCIGIG
231351	TIGITATIAT	TACTGTAAAA	TTATATTTAT	AAGGGTTAAC	тосстттт
231401	<b>ACTTGTAATA</b>	<b>ACATGAACAT</b>	AAAAAATACC	AATGCAACAT	<b>GTAAAGGTAG</b>
231451	CTCCAAAAAT	TAGTAAGCAC	AAAGAAAATC	AAGCAAAATA	AGCACAATAA
231501	AACCACAGTA	CCCCATATCC	TAATGAAACT	GTTGAAAACC	ACTIGATAAAA
231301	ACAAAACTIT	AAAACCACTC	AAATGGAAAA	ACAAAAAAA	AACCCACACA
			GTAATAATTG		
53T62T	ACAGIGCAAA	CLAGGAGGCA	GTGGAATGCT	GICTHAGAG	TICHIAAAGA
			TCCCTTTCAA		
			THGICITIC		
231801	ATTATCGGAC	AAATTAAAACT	TGTGAGAATT	TCTTGTTAGC	CAACTTGAAC
231851	AACACCATGA	<b>GAAATGATAC</b>	CAAGTTCTTG	AGGCTGGAGG	AAAATGAAGC
			<b>TCACTAGATG</b>		
			<b>AGATTTGAAT</b>		
			TTTAAAGATA		
			TAATATTCAT		
23203T	ACCGATATTA	IAGAGITCIG	AAACCAAAAT	CCAAACATAT	ACATGACAAT
<b>72710T</b>	ATTIGUCACAG	ATGACAAGAG	AAAGGAAAAT	COMMINI	CLIMIAAGC
232151	ICITAMAGIG	ATAMATAAT	ATTTGTAGAC	AGGICAACAG	IIIAAAGTAG
232201	CAGAGTACAG	CATCTAGCTC	CCAAGACAAT	TGACTGCACA	TCTAAGGTGA
			CAAAAGTGTA		
232301	<b>ATTTTAAGAG</b>	TAAAAACTGT	CTGAATTTAA	<b>GGATTAAAAA</b>	CTAAAAAAAT
			<b>AACAGTGAAT</b>		
			CCACAGCACT		
232451	TTTCCAAAAG	GAGATCATTG	ATATCAACTC	TATAAGGAAG	GITATGGGAT
232501	GGATTAGAGA	ΔΔΔΔΔΑΤΔΤΑ	TTAAGAGAAA	AGCATAGTGC	CTAGTGCTTG
			ACAAATGTAA		
			CTTTGGAGAC		
232651	AATACAACAC	ATCATTTCA	CAAACATTAG	AAAATCTCAA	TCTCTTCCCA
			CIECCCCIEC		
			CCCTCCTCCT		
			TTTCCTGTTG		
23282T	HIAHIGH	IGITIATTIA	TTTAGACACA	GAGICICACI	CICCCCAGG
			CATGGCTCAC		
			CAGCCTCCCG		
			AGTTTTATAT		ACAAAGTTTT
			CTTGAATGCC	TCACCTCAAC	
222101					CCTTCCTCCCC
	<b>ACCTTGACCA</b>	<b>GTGCTAGGGT</b>	TACAAGCATA	AGCCACTGCA	CCCAGTCTTA
	<b>ACCTTGACCA</b>	<b>GTGCTAGGGT</b>		AGCCACTGCA	CCCAGTCTTA
233151	ACCTTGACCA TCCCTATTAT	GTOCTAGGGT	TACAAGCATA	AGCCACTGCA TTCTCATTGT	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC
233151 233201	ACCTTGACCA TCCCTATTAT CTGTCTTCTT	GTGCTAGGGT GTAATTTTT TTCCTCCACA	TACAAGCATA TTCTCCTTTC TTCCTTCTTG	AGCCACTGCA TTCTCATTGT CTAGTCAAAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG
233151 233201 233251	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT	TACAAGCATA TTCTCCTTCT TTCCTTCTTG GCAATTGGCC	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG
233151 233201 233251 233301	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT	GTACTAGGGT GTAATTTTT TTOCTCCACA TTTAGTATAT TTCAACCAAC	TACAAGCATA TTCTCCTTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA
233151 233201 233251 233301 233351	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA	TACAAGCATA TTCTCCTTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG
233151 233201 233251 233301 233351 233401	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT	TACAAGCATA TTCTCCTTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT	AGCCACTIGCA TICTCATTIGT CTAGTCAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG
233151 233201 233251 233301 233351 233401 233451	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA	TACAAGCATA TTCTCCTTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC	AGCCACTIGCA TICTCATTIGT CTAGTCAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA
233151 233201 233251 233301 233351 233401 233451 233501	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC	TACAAGCATA TICTCCTTTC TICCTTCTTG GCAATTGGCC TATGAATTGA TITTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC	AGCCACTIGCA TICTCATTIGT CTAGTCAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTIG	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG
233151 233201 233251 233301 233351 233401 233451 233501 233551	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACCTATC AAATGATTTA TACCATTTTA GAGGTCCTGG	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC TCATGAATAC	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233551 233601	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC TCATGAATAC TTTTTCTGTT	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATTAG AGTAATCTAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233551 233601 233651	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT	TACAAGCATA TICICCITIC TICCTICTIG GCAATTIGGCC TATGAATTGA TITICAAAAT ACATTIGTATT GAGGATGTGC TTGAACATCC TCATGAACTAC TTTTTCTGTT CATCTTGGTA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGAGTATTA CAGAGAATAG AGTTTTAAAG CCTGTATTAG	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAGA ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233551 233601 233651 233701	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC TATAAGAGAGC TAAAATGTTG AACAAAAGTT AAGAAATGCC	TACAAGCATA TICTCCTTC TICCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC TCATGAACTAC TTTTCTGTT CATCTTGGTA TAAAATTGGG	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAA TAATTTATAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233551 233551 233601 233651 233701 233751	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT TGAATTGGCT TGAATTGGCT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG	TACAAGCATA TICTCCTTTC TICCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC TCATGAATAC TCATGAATAC TCATGATTCTTCATT CATCTTGGTA TAAAATTGGG CAGGCTGTAC	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233751 233701 233751 233801	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG	TACAAGCATA TICTCCTTTC TICCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TTGAACATCC TCATGAATAC TCATGAATAC TCATGTATT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTTACT	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGGTATTAAAG CCTGTATTAAG TAATTTATAA AGGAAGCATG TACCGGTAGAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233751 233701 233751 233801 233851	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGA THTGAGCAAC THTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAATGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGTIGC TIGAACATCC TCATGAATAC TITICTIGTI CATCTTIGGTA TAAAATTIGGG CAGGCTIGTAC AGCTTTTACT AAACTCGTIGT	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGGATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACCGGTAGAA ATGTAATTTA	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTTAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233551 233601 233751 233751 233801 233851 233801 233851 233901	ACCTIGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC THTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGIGC TIGAACATCC TCATGAATAC TITITCIGTT CATCTIGGTA TAAAATIGGG CAGGCTGTAC AGCTITTACT AAACTCGTGT CTTAAGTTAG	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTIGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTIG CAGAGAATAG AGTTTAAAG CCTGTATTAG TAATTTAAAG CCTGTATTAG TAACGGTAGAA ATGTAATTTA GACTCTCAGC	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233751 233751 233801 233851 233901 233951	ACCTIGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT TGAGCAA CACTGCTCTA TGAATTGGCT TCCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT	TACAAGCATA TICICCITTC TICCTICTIG GCAATIGGCC TATGAATIGA TTTICAAAAT ACATIGTATI GAGGATGIGC TIGAACATCC TCATGAATAC TITITCIGTT CATCTIGGTA TAAAATIGGG CAGGCTGTAC AGCTITTACT AAACTCGTGT CTTAAGTTAG CTCATCATCA	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTIGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTIG CAGAGAATAG AGTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TAATTTATAA AGGAAGCATG TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233751 233751 233801 233851 233901 233951 233901 233951	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG	TACAAGCATA TICICCITIC TICCTICTIG GCAATTGACC TATGAATTGA TITICAAAT ACATTGTATT GAGGATGTGC TIGAACATCC TCATGAATAC TITITCIGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTACT AAACTGGTTAC AAACTGGTTAC AAACTGATTAC AAAAAAAAAA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACGGTAGAA ATGTAATTTA TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233451 233451 233551 233601 233651 233751 233801 233851 233901 233951 233901 233951 2334001	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTTTG GTAATTTCG GTAATATAGA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACCC	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGACC TATGAATTGA TTTTCAAAT ACATTGTATT GAGGATGTGC TCATGAATAC TTTTCTGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTACT AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACTGTAGTTAG TACTGTAGTTAG TACTGTAGTTAG TACTGTAGTTAG TACTGTAGTTAG TACTGTAGTAGAA TACTGAAACA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233451 233451 233551 233601 233651 233751 233801 233851 233901 233951 234001 234051 234101	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTTT GTCATTTCT GTCATTTCT GTCATTTCT GTAATTAGA AAGATGGGT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTGAACC CCTAGGCTTCA CTAGGCTTCA	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TCATGAACATCC TCATGAACATCC TCATGAACTAC TTTTTCTGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTTACT AAACTCGTGT CTTAAGTTAG CTCTTAAGTTAG CTCTTAGTTAG CTCTTAGTAG CTCTTAGTA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACCGTAGAA ATGTAATTTA GACTCCACC TAGTTCCATC TAGGTCCAAC TAGCCAAAA TACTGAAACA GTAACCCTTC	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233451 233451 233551 233601 233651 233751 233801 233851 233901 233951 234001 234051 234101	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTTT GTCATTTCT GTCATTTCT GTCATTTCT GTAATTAGA AAGATGGGT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTGAACC CCTAGGCTTCA CTAGGCTTCA	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TCATGAACATCC TCATGAACATCC TCATGAACTAC TTTTTCTGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTTACT AAACTCGTGT CTTAAGTTAG CTCTTAAGTTAG CTCTTAGTTAG CTCTTAGTAG CTCTTAGTA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACCGTAGAA ATGTAATTTA GACTCCACC TAGTTCCATC TAGGTCCAAC TAGCCAAAA TACTGAAACA GTAACCCTTC	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233451 233451 233551 233601 233751 233701 233751 233801 233851 233901 233901 234051 234051 234151	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTAGTTTT GTCATTTCT GTCATTTCT GTCATTTCT GTAATTAGA AAGATGGGT TCTCTATGCT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTTGAACAC GCAAGTTTGAACC CTAGGCTTCA GTAGCTTTCA	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TCATGAACATCC TCATGAACATCC TCATGAACTAC TTTTTCTGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTTACT AAACTCGTGT CTTAAGTTAG CTCTTAAGTTAG CTCTTAAGTTAG CTCTTAAGTTAG CATTAAGTTAG AAAAAAAAAA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTTGT AGGTATTAA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACCGTAGAA ATGTAATTTA GACTCTCAC TAGTTCCTTC TAGGTCATAA TACTGAAACA GTAACCCTTC AATAATAGAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAG AGTAATCTAG ATCAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233551 233601 233651 233751 233801 233851 233901 234051 234051 234151 234151	ACCTIGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA TACCATTTTA GAGGTCCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTAGTTT GTCATTTCT GTCATTTCT GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC TATAAGAGAGC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACC CTAGGCTTTCA GGTAGCTTTCA GGTAGCTTTCC GTAGCTTTCC GTAGCTTTCC GTAGCTTTCC GATACCTAGT	TACAAGCATA TTCTCCTTC TTCCTTCTTG GCAATTGGCC TATGAATTGA TTTTCAAAAT ACATTGTATT GAGGATGTGC TCATGAACATCC TCATGAACATCC TCATGAACATCC TCATGAACATCC TCATGAACTAC TTTTTCTGTT CATCTTGGTA TAAAATTGGG CAGGCTGTAC AGCTTTTACT AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGCA	CCTTCCTCCC CCCAGTCTTA CTTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAAATAG AGTAATCTAG ATCAAGTAGA GTATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233651 233801 233851 233901 233951 234001 234101 234101 234101 234201 234251	ACCTIGACCA TCCCTATTAT CIGICTICTT AGITACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA TACCATTTTA TACCATTTTA CACTGCTCTA TGAATTGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AAATTCCTA AAATTCCTA AAATTCCTA AATGTGCCAA	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC TATAAGAGAGC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTTCA GGTTTCTCAGGCTTTCA GATACCTTAGT AAAGTTTCCAA	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGTGC TIGAACATCC TCATGAATAC TITICIGTI CATCTIGGTA TAAAATIGGG CAGGCTGTAC AGCTITTACT AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	AGCCACTGCA TTCTCATTGT CTAGTCAAAA TTGTGTATCT AAATATTTGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACGGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233651 233851 233801 233851 233901 234051 23401 234101 234151 234201 234251 234301	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCCTGA GATTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AATGTGCCAA ATAATCCCTA AATGTGCCAA ATAATCCCTT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTTG AACAAAAGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTTCA GTAGCCTTCAGG TATACCTAGT AAAGTTCCAA TAGCAATTGG TAAAGTTCCAA TAGCAATTGG	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGTGC TIGAACATCC TCATGAACTACC TCATGAACTACC TCATGAACTACC TCATGAACTACC TCATGAACTACC TCATGAACTACC TCATGAACTACC TCATGAACTACC AGCTTTTACT AAACTCGTGT CTTAAGTTAG CTTAAGTTAG CTTAAGTTAG CTTAAGTTAG CTTAAGTTAG CTTAAGTTAG CACATTATTATCAAAAAAAAAA	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTA GTAGGTCATA TCAGATTTTA GAGGAGAATAG AGTTTTAAAG CCTGTATTAA AGGAAGCATG TACTGTAGTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGA AAACATTAGA AAACATTAGAA AAGTACCTACT	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233601 233651 233801 233851 233901 233951 234001 234051 234101 234151 234201 234251 234301 234351	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCTGG TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AAAATTCCTA AATGTGCCAA ATAATCCCAT ACCCTCAACT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAG AGTTTGAACC CTAGGCTTTCA GTAGCTTTCA GTAGCCTAGT AAAGTTCCAA TAGCAATTGG TAGCAATTGC TAGCAATTGC TAGCAATTGC TAGCAATTGG TGGTCATGTT	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGTGC TIGAACATCC TCATGAACTCC TCATGAACTCC TCATGAACTCC TCATGAACTCC TCATGAACTCC TCATGAACTCC TCATGAACTCC TCATGACATCC AGCTTTACT AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTAA GTAGGTCATA TCAGATTTTAAA GCAGGAATAG AGTTTTAAAG CCTGTATTAA AGGAAGCATG TACTGTAGTAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATAAA AGTACCTACT AAGACAGCTG TACAAATAAA AGTACCTACT AAGACAGCTG	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT
233151 233201 233251 233301 233351 233401 233451 233501 233651 233651 233701 233851 233801 233851 234001 234051 234101 234151 234201 234251 234301 234351 234401	ACCTTGACCA TCCCTATTAT CTGTCTTCTT AGTTACATTT CATCTACAGT CAAAAATTAA TATAACTATC AAATGATTTA TACCATTTTA GAGGTCTGA TTTGAGCAAC TTTTGTTTTA CACTGCTCTA TGAATTGGCT CCTCTGAGGA GAACAGATAT CACCCAGGAT TGTTTAGTTT GTCATTTCTG GTAATATAGA AAGATGGGGT TCTCTATGCT AAAATTCCTA AAATTCCTA AATGTGCCAA ATAATCCCAT ACCCTCAACT CAACATATGT	GTGCTAGGGT GTAATTTTT TTCCTCCACA TTTAGTATAT TTCAACCAAC CAATACAGCA TGTAGCATTT AAGTATACAA TATAAGAGAC AACCAATCCC TAAAATGTT AAGAAATGCC CATGGTTCTG GGCCTCAGGG TATAAATGTT ATGGCTAGAC GCAAGTTTAT TTTTGAACAC AGTTTGAACC CTAGGCTTTCA GTAGCCTTCA GTAGCCTTCA TAGACCTAGT AAAGTTCCAA TAGCAATTGC TAGACCTAGT TAGACCTAGT TAGACCTAGT TAGACCTAGT AAAGTTCCAA TAGCAATTGG TGGTCATGTT CTGAGTATTA	TACAAGCATA TICICCITIC TICCTICTIG GCAATIGGCC TATGAATIGA TITICAAAAT ACATIGTATI GAGGATGTIGC TIGAACATCC TCATGAACATCC TCATGAACATCC TCATGAACATCC TCATGAATAC TACATGATAT CATCTIGGTA TAAAATIGGG CAGGCTGTAC AGCTITTACT AAACTCGTGT CTTAAGTTAG CTCTTCATCA AAAAAAAAAA	AGCCACTIGCA TTCTCATTIGT CTAGTICAAAA TTGTGTATCT AAATATTTIGG TTAAATTGTT AGGTATTATA GTAGGTCATA TCAGATTTTG CAGAGAATAG AGTTTTAAAG CCTGTATTAG TAATTTATAA AGGAAGCATG TACCGTAGAA ATGTAATTTA GACTCTCAGC TAGTTCCTTC TGGAGCAAAA TACTGAAACA GTAACCCTTC AATAATAGAA AAACATTAGC TACAAATTAGC	CCTTCCTCCC CCCAGTCTTA CTTTTTTCC TAGTGAACAG TTTGCTTTTG GGTCGGGGAA AAAAAATAG AGTAATCTAG ATCAAGTAGA GTATCTGCAG TATTTTATTT

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234501	AGGCTTTATG	TTCTCTAAGA	TAGTTAAGAA	GATTAAAAAA	AAAAAAAAAG
		AAACTCCTGT			
234601	TTGGATAAAG	TGTAGGCTGC	TGT TCATAGA	GATGCCAAGT	ACATATGAAA
234651	<b>GGAGGGACTC</b>	<b>ATATGGAAGG</b>	TGAACTTATT	ACCAGAAATC	CTAACCTGCA
234701	<b>GGTAGGGTTT</b>	CTTTCTTCCT	CAAAATAAAA	ATTAACCCAT	GGGGTGAGAC
234751	<b>GCAAATTTGG</b>	CAACAACACT	GAATGATCTC	TCTACAAGCT	ттттс
234801	TTTTTGAGA	CAGAGTCTTG	CTCTGTTGCT	CAGGCTGGAG	TGCAGTGGTG
234851	CAATCTTGGC	TCACTGCAAC	CTCCACCTCC	CAGGTTCAAG	CAATTCTCCT
		CCCGAGTAGC			
234951	CCTAATTIT	GTATTTTTT	TTTTTAAGTA	GAGACAGGGT	TICACCATGT
235001	TCCCCAACCT	GGTCTTGAAC	TCTCAACCTC	AACTCATTCA	CCACCTTGG
222001	CCTCCCCAAC	TGCTGGGATT	ACTICATION	CCCACCCCAC	CCACCCTICTA
23203T	CAACCTETTA	TTCATCATAA	CCATACACAT	TTATTCTTCC	ATACCATAGE
533TOT	AAGGCTTAAAG	CTTTAAAAGC	CONTACACAT	CTACCCCACC	TCTACCCCCT
53272T	AAGCGIAAAG	CTTACATEC	CTTTCIGGA	CAATCATTTC	ATTATTCCAT
23220T	ACTIGIATE	GTTTACATTG	GITICIAIGI	GARICATTIG	CACCETTATTC
53252T	ICAIGITTA	TCTCCCAAAT	ACIGCIAGCI	CCCTTAGGAT	GAGGITATIG
23230T	TITIAIAIAA	AAGATCCCTT	ICAAAAAAGI	AGICICAMA	AAAGAI IGIA
23232T	ACTOTIGATT	TACATAGCAA	AGIATIAATI	AACAGCAICI	ICCAAGAICA
		AGCGTGTTCG			
235451	TCTTAATTAG	TTCACGTAAA	ACAAATCTCT	AGCCACATTC	ACTCCAACTT
235501	TCAATATCAC	<b>AAAATGTGTG</b>	GTATTTCCTA	AAAACATAGC	THCIAIGIC
235551	ATCATCAAGT	GAAAGTAAAT	ACCTCCCCCC	TCTATAAAAG	AACAAAACCT
235601	ATTCAACTTA	AATAATGAAA	TATGITATIG	TTAAAAGAAT	CCTAGAGTCA
		<b>ATACTGAAAA</b>			
235701	<b>AGTGGGTGTA</b>	AAGAGTGGCT	AGGAATGACA	тспоспы	TCCCCATACG
235751	CACATATACC	ACTCTATTTT	<b>GCCAGATACA</b>	CCAGGCAGCT	TTTTCAAATA
235801	CACACACACA	CACCCACCTT	TACACCTTAA	CCTCTCACTG	TGGCATTACT
235851	<b>AGGGTAGTGA</b>	<b>GCCTCTGTGA</b>	<b>ATGATGAAAG</b>	TGAGTAGTGT	CTTTGGTGTG
235901	TTGAGCCAAA	<b>AAATAGATTG</b>	<b>AAATCACTGA</b>	CAATACCAAT	CCTCATTTGA
235951	CACATATGAC	CATTACAGCT	TTGAGAAGAT	AAAATGACTT	GTTCCAAATT
236001	ACTITICGCA	GAGAAAATAA	CCTGAATCTC	AGGTCAAGTT	GTGCTCTATT
		ATTTAAAAGT			
		ATTGAAAGGT			
236151	CTTTCTATCT	ATGGGTGAAA	GGACACTTAC	AGTTTTAGTA	TCAATGCAAT
236201	TTCATATAAA	CTCATTAGAA	ACTICTAACTT	TACTAAGCTA	TGTATTAATT
236251	TAAATACCTA	TAACAATAGT	ACACATCAAT	AAAACATCAC	TTCACTATTT
230231	CATCTCTCTT	CATCTTGACA	ACTICAACTTIC	ACCITCAC	ATATOTATTA
236361	TETACCCCCT	CCCCAAAGAA	CTTCCCCTCA	ACCAMATACAC	ACTACATAGE
73637T	CACTATATAA	ACATACTTAT	TATTCCATCT	ACTICTATION	AAAAAAATAC
23040T	CAGIAIAIAA	TTTGAGCACA	ATAAATCTCC	CCTAAACACA	CTTATTACTT
23043T	AGAMAGAACA	GTCTGCAGCA	CTCACACCAA	CCAACTCACC	AACAAACCCA
73030T	GCIGCAACCI	GGTTGCAAAT	GICAGAGGAA	CCCATCATT	CCAATTCAAC
73000T	ACTAAGAGCA	GATTCCTAAA	ACICAGGII	TETETACCAC	TAAACCTCAT
		CCTAGATTTT			
		AATATTAATA			
		AATTATGTCT			
		GIGITTATTT			
		AAGAATTATA			
		CGATTAAAAG			
23695T	AAAAACTAAT	TCTGAAGGAT	TTATAGATAA	HIAHAH	comment
		TTGGCAAGTT			
23/051	CTAACAGATG	TIGCICIGAA	AGTCATATT	CICACITAAT	TACAGTTTTA
237101	ATAAAGCAGC	CTGGGTAATG	TTAGTTGGGG	GAGTATTTAG	GACACATAGG
237151	AGCCAAGTCA	GATAGAAGTC	ATAGAAGIGI	TGCAGTCAAG	AGGCGTTTGA
237201	TTATAAGGTG	CATCATTACT	TTGTAGACTA	CTAAGAAAGA	AAATGCAGCC
237251	AATTAAACTA	TGATATGCAT	TGTCTCTGAT	TTCTGCATTT	AAAAAATGAA
237301	GAAATATGTT	TCCTATAGTC	ATTGAAATAT	AGTAAGTCGT	TGGTTAGGAA
					TGAGAGTGCA
237401	TAGCATGTAG	AGOCTGGGTT	ACAGGCTCCT	CTGGGAAGCA	GTGGGATATT
237451	AACTGGAAGG	CTGCAGGACC	TAGGACCGGG	AGGTGCAGGA	AGTGAGGACA
237501	GTGCCCAGAC	CTAAGCCAAT	TGTCCTGAGT	CTCCTGGTTC	CATTTAGTTA
237551	GTGAACAGGA	<b>TAATGTATCA</b>	GAATCAATCT	TAACAATTTA	AGTGGGAGAG
237601	CAGCATTCAA	AATCTTGAGA	CTCTCCTAGA	ATTTAGAAGA	GAAATGAAGT
237651	GATTAAATGC	CAGCCAAAAG	CATTTCAGCT	TTATTTTTA	GGCAACAGTG
237701	<b>GGCCTCTGAA</b>	AAGCAATGAA	ATAAACAAGT	TTTTAGAATA	TGAATCTAAC
237751	<b>ATGGGTGTGA</b>	<b>ATAATTATGG</b>	TCTGCCAAAA	<b>ATCTTGTCTT</b>	TITGITGITG
237801	गुजाजाज	TGTTGTTCAG	<b>AGACTCCTTC</b>	TAGAGTAACA	ATATTGGTGT
237851	GATGACTAGC	CTITITCIT	TCTATTTTAC	CAAGTTGTGC	TACTTCTCTG
237901	AGAAAAATCC	<b>AAGITTTACA</b>	<b>CTTAATAGTA</b>	AAGAAGCCAG	TGGTTATTTA
227054		TTACCCACCC	TAACCTTAGA	CTCAGTGCCA	CAACACAGCA
23/951	IAIGAGAIII	IMUMUL			

### FIGURE 3PPP

PCT/US03/06670 10/506549

238001	<b>TGCTAAATTA</b>	<b>GGTTACATCC</b>	TTAAAAAAATA	ATAATAATAA	TTCACTTGGG
238051	GTGGAGTACA	GACCTGCCCG	TAGCCATCAG	TTTTACTGCA	GGCAAAATAA
238101	<b>AGACACACCT</b>	CTTCCTGAAA	ACACAGACAA	CACAAATTAC	TGTGGCCAGC
238151	TTCTTATATT	ATTATTTTA	CATCAGCTCA	TCCCTAACTG	CTAATCACCT
238201	AATACTACAA	TGTAAACACT	GCCCTTCCA	AAGACCAGGC	TTCCTTTGGT
230201	GGIATICIGI	CATAACCTCT	CATTCTICTAG	TATICCTICAC	ATGTCTCCC
	CTTACAAGAT				
	ACTIGTIGAACA				
238401	CATCITITAA	GAATCAGACC	TTCCGACCAC	CTCCAGCAGG	AGTTTGGGCT
238451	<b>TCTATGCATA</b>	GAGCAGTTAC	CICTICITI	псппы	TTTTTTTAAAT
238501	<b>ACAAGTAGTA</b>	TCCCTTATC	TGCAGCGGAT	ACATTCCAAG	ACCCCCAGTG
230501	GATGTCTGAA	ACCATECETT	ATATTAACTG	CTATATATAG	GITTING
230331	TATACATACA	TACCTATICAT	CACATTTAAT	TTATAAATTA	CCCATCCTTA
	TATACATACA				
	GAGATTAACA				
238701	CTATAATAAA	AGITATGTAA	ATGIGITATION	TGICTCTC	AMATITICIT
238751	<b>ATTGTACTAT</b>	ACTCACCGAT	TTTCAGACTG	AGGTTGACCT	TGGGCAGCTG
238801	AAACTGCGGA	AAGAGAAACT	<b>GAGTCTAGGA</b>	<b>TGACTITICTA</b>	TCTCAATTCT
	TGCATTGTAT				
	CTTATCCCAA				
230501	AATTTTTTTT	CATTCATTAC	ATTCATTCCACA	TTATCTATC	TOTACCTATA
53033T	AATTTTTT	GALLGALLAG	AIGAIGGAGA	TIAIGIAIG	ATTECTACE
23900I	<b>AAGTTTATGT</b>	HAICAIAIA	CAATATIGGC	TIAATAAGAT	ATTCTTTGGC
	CTCAAAATTA				
	ACAAGGAAGC				
239151	<b>GAAGGATATA</b>	CCGCATCCAG	CAGGGGTGAC	TAAGTGATAA	TAATTACACT
239201	AAGTCTTGGG	GAAGAAAGGA	TGCTATTTCA	GGAGGTGGAG	GAGAGGAATA
220251	GGTAGTTATT	CATATOGAA	ATAATACTCT	ACCCAACCCA	TACAGACATG
233231	AAAGCAAGGA	ATCTATTTCA	ACCATCCTAT	CTICTAATIC	CATACTTCAA
23930T	AVAGCAGGA	AIGIAITIGA	AGGATGGTAT	ACCTACCCAA	CCAACTTCAA
23935T	AATTCTAAAT	AGGAGGICAG	IGGCIAAIAG	AGCIAGGCAA	GGAAGTIGAA
	ATCACATTAT				
	TTCTGAATAG				
239501	<b>GCTCTGACTG</b>	GATTAGAAGA	<b>AACAGAAACT</b>	<b>GTAGGCCAGG</b>	GGTGCAGGGT
	TCTTCAGGAA				
230601	CAAGGATATA	TATICACTICAT	ATTIGTAATIGT	ΑΤΛΑΛΓΛΑΔΑ	GIGICTICATT
23300T	AGACTTGCAA	CCTCCTCCAT	TTACATTTCA	TCATATTTT	ACACAAACAT
73303T	AGACTIGCAA	ACCOUNT	MACATTIGA	AATCACCATT	TCACCCCAC
239/OT	GAACAAGCCA	AGGCAAGICC	AAAGGAGAGI	AATCAGGATT	IGACGGGGAG
239751	GGAGGGATGA	GGGTCTGCAA	GIGGIGAGTT	CCTGGTTAAT	CAGCTGGGGA
239801	AAAAAAAAGA	CCAGGAAGGA	GGAATGTGAT	AGGCAGCTTC	AGTTATTCAA
239851	AGGACTGTCC	TCTAGAAGAG	ACAACATCCT	<b>TATTCTGTTA</b>	CTTCAGAGAG
239901	GCAAGAAGAG	ACACTATAAA	AGTGGATTGT	GTCCCGGAAGA	GTGTGACCAA
230051	GATATGGAAT	GATTTTGGAAA	CTIGTICACA	CAAGAAGAAT	ΔΔΔΔΩΤΔΤΙΤ
					TTCAAATACA
240001	TTTAIGATAA	AGGAGATT	TECAACATTC	ACTEMACIEC	ATATAACACA
240051	TGCAAGGAAA	AAIGGGACII	TIGAACATIC	AGITAACICC	ATATACAGA
240101	ACCATCTAAT	TTATAGATAA	GCAACITTIC	TCTTTACCAA	TTATAGTGGG
240151	CCATCTGTCA	AATATTATAG	AGTACATGAG	TATGTTGGAA	GGAAATGTTG
240201	ACAGTGACAA	ATGTTTTAA	AAGGGAAAAT	TAATAGIGTA	CACTACATTT
240251	ATTITATTAG	TATCTCTAAT	ATCAGATGGA	AAAGAAAGGA	GAATCAATGG
240301	CCCACTGAT	CCCTTAGAAC	TTATGTCTAT	ΔΔΔΔΤΤΤΔCΤ	CATATTATTG
					ATATAGAGAG
					AATCTCTTTA
					TCATCATGGC
					ATTTGAAACC
240551	AGCTCTGCTA	CTTACTCGCT	ATTITAACTT	TAGCATGTTA	TTTGGCCCCCT
					TCCTCTCTCT
240651	AGGGTTATTA	TACAGATTAA	TAATAATGTT	TATGTAGTAT	ATAAAAAGAA
240701	CCTCATACAT	ATTTGATATT	TAAAATGGCA	ATTATTAATG	TTATTATCTG
					AAGTGGAAAC
240001	AATCTCCACT	TTCCAATCAC	ACTICACCETAC	CTTTCAACCC	TACCATTICTC
240001	MAIGIGGACI	TIGGANICAG	ACIGACCIAG	CITICARGG	TAGCATTGTC
240851	ACTUACTAGO	IGTACATCCA	IAGIAACGTG	ALIAACCAAG	CTGAACTCAG
240901	ATTATCTGTA	AAATAAAAAC	ACTGCCTGGG	CCAGGTGCAG	TGGCTCACGC
240951	CTITAATTCC	AGCACTTTGG	GAGGCCGAGG	CGGGTGGATC	ACAAGGTCAG
241001	GAGTTCAAGA	CTAGCCTGGC	CAACATGGTG	AAACCCCGTC	TCTACTAAAA
241051	ΑΤΑΓΑΛΛΑΛ	ATTACCTCCC	CATGGTGGCG	CGTGCCTGTA	ATCCCAACTA
241101	CTCCCC	TEACCEACEA	CAATTCCTTC	AACCCCACC	CAGGAGGCAG
2/11/01	ACCITICACT	CACCTCACAT	TCCVCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CATTCCACCC	TGGGCTACAG
741171	ACTOCACO	CATCETON	100000010	AAAAAA	ACACTICOCTIC
241ZUL	AUTOAUACTO	CAICICAMA	AVACAVACAA	******CUA	ACACTGCCTG
241251	TCTACTCCAC	AAGTTCAGAG	IAGTAAATTA	GGICATGCTT	ATTATTTTIG
					ATTTCATTTT
241351	ATTTCCCCAA	ATATATGAAC	AGGCTGTACC	CCACTTATGA	CCTCTTAACA
241401	TGTATTITAC	AGACTTACGT	GGATTGGAAG	TCCTGGCTGG	GCTCCACAGT
241451	CCCTTGACCCA	ACCCACACCT	тоссттттт	GAACATCCAA	ACCCCAGGGA
					'

241501 CTGATTCACC TAACTGCTCT CTATTAGGCA ACCCTTGAAA GGAAACTTCT
241551 GAGTTTTAGT AAATGAAGAG AGGACAGAGA CCCATCTCTT GTTTTATGCA
241601 GAAGTAAAGA GTTTAAGTGA CTAATGTCCA GGCACACTTA CTGTAATTAC
241651 TCCTCTCTAA ACCTTATGTA ATACTTCTAA AGCCCTACAT CTTTCAAGAG
241701 GGTGTAGTGA TCAGAGGTAA GGTTTAAAGT CTACCACTTA GACCTGGTTT
241751 TTAACTTCTC ATCAAAATAC CACAGTCTGC ATTGAGTGTT CTGATCAGGC
241801 TIGITICCTT ATTATIGAGG TAACTTACTT TGCTCTTTCT CTGCACATTT
241851 AACCATGGTG TTCTTTTTAT TGAGAAAACC ACCCCTTTTG GGCTCTTATA
241901 TAAATTCAGA GCTATACTTC AAGTCACCCC AAGATCTGCC TTCTTTGTGA 241951 CCTCTAGTGA TCCTTCTAAC CCATAGTGAT TTTTCCCTAC CTTGAGCTTT
242001 CACAGCCCCA GTTCTTCCAT ATTTTGTCAC TTACTTTGTA TTTTGAGTTA
242001 CACAGGGGA GITCHICCAN ANTHONOCAC TRACTINGIA THINGAGINA 242051 TTTCCCAATA ATTTCATGTG TGTAACTTAC TTTCCCAATA GAAATTTAAG
242101 TCTTTGAAGA GAGGAAACTIG TATTATTIGGA TATTTTTTIGT TTTTTGAGACA
242151 GAGTICTOGCC CTGTCACCCA GGCTGGCGTG CAGTGACACG ATCTCGGCTC
242201 ACTACAACCT COGCCTCTTG GGTTCAAGTG ATTICTCCTGC CTCAGCCTCC
242251 TGAGTAGCTG GGATTCCAGG CACCTGCCAC CACGCCCAGC TAATTTTTTA
242301 TTTTTGTATT TTTAGTAGAG ATGGGGTTTC ACCATGTTGG CCAGGCTTTT
242351 ATATCCCCCA CTATGTCTAG CAAAAAATGT AATTGTATAA TTATCTAATT
242401 AAGATITATT GAAATGCTTT AAGTTTTTAG ATTCTAATTG AAGTCTCTAT
242451 GCCAATACTT TATTACTTTT TITGGTTCAT TIGCCTTTGA GAATTTTCTT
242501 AGCATTTTTA ATTTACTTCA ATAATTGAGC GATTATGACA GGAAATCATT
242551 TCATGTAAAA AACAGACCAA GTATTCTGGT TCCTAGCCAG TTTTCTTTCA
242601 TTTAGATATG ATGGTACTAA AGCAAACAAC AAATGACACC TCTACTTAAT
242651 TAGTGATTCC GCTATTCTGA ATATATATT CATGGCAATA AGAGTTTGTT
242701 GAAGTTTGAA GGCCTTTTTA CAGTCTCTAA AAAGACTTAA AATTAGTGTT
242751 TTCATTCAAG TTATAGATGG TTATAATCTC AGACAGCTGA GACTTTTCAT
242801 TTTCACCTTA AGGITAATTT TATTTGGAGT GAACTGTAAA AAAAAAATAC
242851 TITIGGCTTTA CAAAAATTCC TITITAGTGTA AAAATGACTG AAAATATTAT
242901 TATTCCCTTT ATATGAAATG TCCAGCTAAG GAAAATTATA GAGAAAAAAG 242951 GTAGATTATT AGTTGCCTTG GGCTAGAGTT AGGAGATGCC TTGGGGATTA
243001 AGTATANATIG GACATGAGGC AACTTTTGGG TTAGTGAAAA TGTTCTAATA
243051 CTACATTATG GTGGAGGTTG CACAATTTTG TATATTTCCT AAAAATTATT
243101 GAATCGTATG CITAAATAAT TCATGAATTT TGTGGTATGT AAATTATGTC
243151 TTAATAAAGT TATTAAAAAT AATTTATGAA ATTACAGGGT TAAATTTTAT
243201 TITATAATAA ACATAATAAA TIGICCITAG TATCCATITA TGAAAGTAAA
243251 TATGTTGCTT GAAATTATTT CATTAGAAAA ACTATTGCTA CTCTTTAGTT
243301 GTATGGCTAT CTGTAGGTCT TGTATGTGAT TTATTTATTA ATAAATTTAT
243351 ATTGAACTAA GTAGAATTTT TAAAAATATG GCTACTCATA TGTAAAAGTT
243401 ACTGGAATGG TCTTCTTATT TTTCTGACCT TTTTATATCC ATATAAATTC
243451 GGATGATTTC TCATTGATAT TTATGATATT CTGCTCTGAA AATAATATAA
243501 TCAATTACTT GCCTTTTTAA GTCAAGTATT CTACCCTAGT TGACTATAAA 243551 GTGAATTTT TCAAAGGAAG TCTTAAATTT TTCATATATC TCTTAAGATT
243601 AAATTIGAGA GATGTTCACA TTGGGGGGAA AATCAAATTT AGTAAGCTGT
243651 GAACTTTGGC AATGCAAGAT TGAACTACTG CCTTAAATAT TTGTTAATAT
243701 CIGCTCACTA TTCCATTCAC ATAGCATAAG AATTTCCCCCT ATGCCTGATA
243751 TTTTTGGCTT CATATTTTTA ATTTCTATTT CTGGATTTGT TTTCTTATGT
243801 CCAATGAGC ATTGATGCTG ATTTTTTTAC TTCATAAATA CATAGTATCT
243851 GTGATGGTTA ATACTGAGTG TCAACTTGAT GGCATTGAAT GATGCAAAGT
243901 ATTGACCCTG AGTGTGTCTG TTAAGGTGTT GACAAAGGAG ATTAACATTT
243951 GAGTCACTGG GCTGGAAAAG GCAGACCCAC CCTTAATCTG TGTGGGCACA
244001 ATCTAATCAG CTTCAGACAC AGCCAGGATA TAAAGCAGGA AGAAAAACGT
244051 GAAAAGGTTT GACTGGCTTA GCCTCCCAGC CTACATCTTT CTCTGGTGCT
244101 TTATGCTTCC TGCCCTCAAA CACTGGACTC CAAGTTCTTC AGCTTTGGAA 244151 CTCGAACTGG CTTCCTTTTG CTCCTCAGAT TATGTGAGTT AATATTACTT
244201 AATAAACTCC CCTTTATGTA TATATCTATC CTGTTAGTTC TGCCCCTCTA
244251 GTATCAATCA AAATTTGAAG TATCAATCAA AATTTGAAGC TACAAGAGAA
244301 TTTAGAAATC ATCCAGTGCA ACTTATTAAA TTATACTTTT GATAGGGGAT
244351 GCTAAATGGT TAGGGAACTT GTTTGGATCT GTGGATTTCG TTGGTTATAT
244401 ACTCAGCTCT TAATTGCCAA GGAATAGTCA TGATGAACCA GCAGACTTTC
244451 CTCACCTAGT TGGGGAGAAA AGAATTAGAT TAATTTTCGG TTCCTTGAAC
244501 TCTAGAATTC TATAAATCTA TCAACTGTAA CTATGTCAAA TATAATGCTA
244551 TIGATIGHTAC TCTTCTTAAT TAACTATGTC TACCTTCACT TTCTCATAGT
244601 CCAGCTATCA TTAATCTTGG ATTATAACGT ATGGATCCTA TCTGCCTGGC
244651 TCCCTGAACT TITTATAGAA AGGAGTATAT ACTATATTAG TAAAAGCACA
244701 CACTICTIGGAT TTAAACTICCC TIGGITTTIGG TATTIGGITTCT GCCACTICATT 244751 TACACTIGTIGT CCTTIGGACAG GITTATTATICC CCTCAATATIG GGGAGAATAA
244801 AATGCTTCAT AAACTGGTGA GGATTAAATG AATTAATACA TGCTTGAAAT
244851 AGTCCACTGA ATATAATAGG AACTCATAAT AAGATGAATA ATTAATATAA
244901 CTCAAACCAA CTGGTTTCAG GGCCTTATAG TATATATAAG TATATCATTA
244951 TATATTTATA TATTATATAT ATTTGATATA TATACTTACA TATAGATATC

### FIGURE 3RRR

245001	TATATATAT	ATACTTATAT	<b>GTAGGTATCT</b>	<b>ATATATATAG</b>	CTTTTTGGGG
245051	GCCCCCCT	AGCCTTTCTT	TCTCCATAGG	TITAATIGIA	GAGCTGTGTT
245001	TCTTTTTTT	ளுள்ள	TIGHTHIGA	CACCCACTCT	CECTCTETTE
242101	CCCAGGCTGG	ACTICACTIC	CCCATTICG	CCTCTCTCCA	ACCTCCCCCT
245151	CCAGGCIGG	AGIGCAGIGG	COCCATTICG	GCICICION	CCTCCCACTA
245201	CCTGGTTTCA	GUATICIC	CHOCICAGI	CICCOAGIA	TACTACACAC
245251	CAGGCGCCCCG	CCACCATGCC	CAGCTAATTT	THGIATHI	TAGTAGAGAC
245301	GGGGTTTCAC	CATGTTAGCC	AGGATGGTCT	CCCTCTCCTG	ACCTOGTGAT
245351	CCACCCACCT	CCCCCCCA	<b>AAGTGCTGGG</b>	ATTACAGGCG	TGAGCCACTG
245333	TGCCCGGCCA	CACCTGTGTT	TCTTAAACTT	AAGTAATGAA	TAAATGTATT
243401	GTAAAGAAAA	TACCTCAAAC	TTCTATCAAT	ATACCTACAA	ATTCCACTTC
245451	GIAAAGAAAA	IACCICAMIC	TICIAIGAAT	ATACCIACA	ATTCOAGTIG
245501	AAGAACTACA	TTAAT TAAAT	GLIGUACLI	ICAIGGIAG	CHIGGHICA
245551	ACACAATCAG	AAACTCTAAT	GCAATTTTTG	ATGTTGAAAT	CAGGTAACCA
245601	GTACTTTATT	GTAAGATCTT	CAGCTGATTG	AGCATTTTAA	TTTTGTTAGG
245651	TCATCATCAA	AACAAAAACA	<b>GAAATTTTAA</b>	<b>GCATATGAAA</b>	TATCTTGAGA
245701	CTATTTCAGC	AGACCCTAGT	TGAGAACTGT	TICCTTICAAAA	GTAAAAATAA
243701	CACACCTATG	CACACCAAAC	TEATTETTT	ATATTCAAAA	CTCCAGTATC
243/31	CACACCTATG		CAAATTACTT	AACACTAATA	ACACCCCTCC
245801	ACTATTIGIT	HIGATCAGIT	GAVATTACTT	AAGAGIAAIA	ACAGGCCTGC
245851	TGCCAGTGGT	GGTAGCAACT	GAAGCTGATT	TTIATCAGAT	CAAGAGIGAG
245901	CCAGGATAAT	GCCAGTTTGG	GGCCAGCTCT	AGGTAGAATG	CTAAAAGTTG
245951	TTGAGACTTC	TGICTICCIT	CTGTTACCCT	ACTACATTCT	GTCATCCTTC
246001	CTCCTGTCTG	TECCTITE	CAGTGCCCTT	ACCCCTAACC	CCAAAAGCTC
2/6051	CTCACTGAGA	TECTTEACAT	GITACITITIC	CCACCATATT	TGTGTTTAA
246101	TAAAGCAAAT	- CTAACTICCT	CANATACCTC	AAGACTTGTT	AGAATOTOTT
240101	IAAAACAAAI	CIAMBILLLI	GWINCIC	TAACAACAA	TAAAACTACA
246151	AAAGTGAAAT	TICIAACACI	CIGAGLICAA	TAAGAAGAAA	IAWAGIACA
246201	TATATTTTA	TATAATTTTT	TATGTTTGCA	AACCAAGAAA	CATGCCATTI
246251	CTCCTAGTAA	AAATGGGGGA	AGTGAGGACT	ACTITIGCCTT	TTCTCCTGGA
246301	CAGAGTAGTC	CTCATTTCCC	CCTTTTTCT	TTATAAAAAG	GAAATGATGA
246351	TAAAAAATTG	TTAATTIGGAT	ACCACTTCAA	ATGGGGATTA	GTTATGCATA
246401	GAATATTTCA	CATATATTAG	TATAGAAGTC	ΔΤΤΤΔΔΓΔΤΔ	CAAGCATTTT
240401	ATCCTTTTGT	AACTECTATE	CTCTAAACTT	TOTTANCACC	AAAGCCAAAG
246451	AICCITTIGI	AAGITCITII	GICIAMGIT	TATTATTA	TTATICTCCTA
246501	ATTATTTTGT	TGTATACIAA	AAGCIGIAAA	IAIIAIIAAI	HAIGICHA
246551	TACTTCCCTA	TGGAAAAGGG	AAACTCAGTA	TTACCATGAA	CAGGATCCAT
246601	TCTTTATATG	<b>AGTAGTTAGA</b>	AGCTAATTGT	AGGTTATTGA	GATTTAATTT
246651	AGTETETGGT	TATCATGTTT	<b>AGAATCTTAT</b>	GACATGATTT	GTTTTAGAGA
2/6701	AATAACCTGC	TIGCAGITAA	GTACATTCCT	TAGATGTCAG	CCTGGTTAAC
246751	TAGIGICIGI	CCTGAGTTGG	TANATICTO	CTTACATICC	ACTGATGCGA
240/31	IAGIGICIGI	COMMING	TEATAACATT	CTCACACCCCT	TOCACTOCA
246801	ATAGAAACTG	IGIGICAGE	HAIAACAH	CICAGAGGGI	OCACT TO
246851	ATGCAGGTGG	GGGGAAGGAC	AAAGIAAIAG	CHICHGING	GGATTACAGT
246901	AAGTGAGGGC	TCAAGTGAAG	ATCTCTTAGT	TCCTTGAATG	ATCCTTTAAA
246951	AGGTAATAGT	TTTCCATTTT	TTTGCTTTCA	GTTCTTGCAT	ATGTAATGAA
247001	AATAACGTGA	ACTTAGAAAT	ATGGGCTTAG	TAAATTCTTA	GTAAATTATG
247051	TTCACATGCT	ATAAGATTIT	ΔΑΤΓΔΑΤΓΑΓ	TTTCAAATGG	GGAAGGGAAT
247031	TTATATTTAA	TACCAACCTA	CCCCATCCCT	ATATITIAAA	CTATTAATCA
24/101	TIAIAITIAA	CATAACCCTA	CCAACCATTA	CTCCCACCTA	TTACACTICTIC
24/151	TCCAGTAACC	CATAGCCIA	GGAAGGATTA	GICCGAGGIA	TACAGICIC
247201	AAAGAGATAG	AGOCTOGCTA	TGCGCATIGI	ICIGICIGAL	IAITITICAL
247251	THEIGHT	जााजाा	TTTGTTTCTA	GCCTAGGCAG	AGTGCAGTGG
247301	CATGATCTCA	<b>GCTCACTGCA</b>	ACCTCTGCTT	CCCGGGCTTC	AAGCAGTTCT
247351	CTTGCCTCAG	CCTCCCAAGT	AGCTGGGATT	ACAGGCGTGT	GCCACCATGC
247401	CCACCTAATT	TITIGIATI	TTTAATAGAG	ACGGGGTTTC	ACCATATTGG
247451	TCACCCTICCT	CTICAACTIC	TIGACCTICAAA	TEATTCETC	GCCTCTGCCT
247431	CCCAAACTICC	TOTATTACA	CTICTORCO	ACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	GCCTGTTCTA
24/301	. CCCAVAGIGE	IGGGATIACA	GIIGIGAGG	TAAACAACCA	CACATOTOTA
24/551	. TALLALLIA	AAACCIAAAC	CITICICI		GACATCTGTA
247601	. atatatgtaa	CCTAATTGTA	AAATAGATAA	ACGIAACAGA	GAGTATGGTT
247651	. Ggtatagttt	CTGGTTAGTG	CTAAATGATT	, CCAVCAVACA	AAGGAGAGAT
247701	TACTCTGGAC	TGGAATGATC	AAGAAAAGCT	ATATAAGGAT	ACAACTTGAG
247751	GTGGACTIGTG	AACTCTGTGT	AGAAACAGAG	TTAGGGTTCG	TTTTGGAGGT
2/7201	TOTALCANT	CTAATATTT	TAGTAGTTAC	AAGTAGAGCT	CTGTCATTCC
247003	CATCATCTAA	TTATAATCTC	CAAAGACTIGA	TTCCATCTAC	TCTTTGACTA
24/001	. CAICAICIAA	HAIMIGIG	CCTAAACAA	CCTCCACCC	CTAATTACCT
24/90]	. CAGTICTIGG	CACIAAIAAC	CIAVOA	C C C C C C C C C C C C C C C C C C C	CTAATTACCT
247951	L CCTTTTCCTA	ATCIGAATTT	IGATGIGCT	HIGAACTAGT	AAGTCTTCTG
248001	. GCATTCTAAG	AAGACTTACC	CCATCACTGG	GGAGACATTT	ACTICAGCAT
248051	TCAGAAAACT	AGATTTTTGA	ATTAMAGTTI	TTTAGAGGAG	TITTTCACGC
248101	AGTAGCACAA	ΔΤΔΔΔΤΤΔΔΤ	CAGTGTCTTT	ATTITICIAT	ACCCCTATCG
2/10101	TCATTCCTC	CATATAACAA	CCACATAAC	ATAACACTT	ACTCATGGGA
740704	TATIONIO	TTTTTATATA	AAACATICEAC	ACTATICAAAA	GCATTCATTT
240201	IAIGIGIACI	TITIGATAGA	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~ ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CATCCTATAT
24825]	LIGICICCIGG	IIGICAGAII	CIGICIGIA	CIONCHOIAI	GATCCTATAT
248301	L CTTTTAAATG	TGCTATTACC	I GAGITICH	IIGGIAACAC	TAAAGGTAGA
248351	ΑΛΓΑΛΛΛΑΛΑ	GTTAACTTAG	GGTAAAGGCT	ATTIGITICAL	TITICATTAA
248401	AAAACCAGGA	AATTCTTTT	TGATTGGTG4	A CATCGTATTA	ATATTTAGTC
248451	TGATTTATTA	GCATGAGGCA	AACAGCTTTT	TTCCCCAGAC	TGTTGACTTA
- 10772					

248501	GAGAATGTGG	ACTTATATAA	AAATAAAGAT	AATTTAGTTT	ATGATTTIC
248551	TICITITIC	AAAATTCAGT	TTCTTCTTA	ACTITIGIT	GGACTTTTTC
248601	TCACTITITA	ΑΑΑΑΑΑ	TAGTITIGIG	ACTTGGGCAA	CCTACTOGGC
	CTCAATTTTC				
	<b>ब्हाब्ह्याब्ह्य</b>				
	TTAGAACGGT				
	TAAATAAAAC				
248851	GCCCTTTGCT	<b>AGCTGTGTGA</b>	CCCTAAAAAT	GTTACTTAGC	CTCTTTGTAT
248901	TTCAGTTTCC	ATTENTOGAA	CACCCAACTA	ATACTICATICC	CTCCTTGTA
240051	GATTTTTGTA	ACAATTAAAC	CACTTAATCC	TTATAAAACT	TCTCACAACA
240931	GATTITIGIA	ACAAT IAAAG	CAGTIAATGC	TAIAVVAGI	CATTATCACT
	CCCTGGCACA				
249051	GTTTTGTCA	GGATGGGTTT	TTTTAAAGCA	ATGCATAAAA	GTACTATAAA
	TATACATTTG				
249151	<b>GTAAAAGCAC</b>	AAGAAATGAG	GAAACAGAAA	GAAGGCAAAC	AGGAATAGGC
	AGAAGGATAA				
	GATCAGAAAG				
	TGAAATGAAA				
249301	IGAAIGAA	TICIAGACIA	IAGIAAGIGA	TCTTTGGGCT	ATTICCIAIA
249351	TCATAGCATT	TICACATIGI	ATTTIGTTIG	CICAGITAAT	IAICAICH
	CCCCTGCAAG				
249451	AACCCTACTG	TCTAGCATGT	AGAAAGCTCT	CAATATTTAA	ATTGAATTTA
249501	AAAATAGGGT	TTTGCAATAC	TAACTTGTAT	TTTTCCATAA	ATGCTTTTCT
	AATATTTTCC				
	ATAGGATTCC				
	AAATTTTTAT				
249/01	<b>AGTGCTTATG</b>	CTATTTAATA	TAATAATACI	IGHACACCH	TIAGGAAAAC
249751	<b>ATAGITGITC</b>	ACCATGCTTT	ATATACCATG	TGTGAACTTT	TCTATATTT
249801	TTTCCTTTCA	<b>GAGTGTATTG</b>	псттты	TTGTAAAGCA	GCATACTTGA
249851	TGCTGCAACC	AGTGACTITT	TGCCATGCAT	TCTTAATACT	TCTTGGAATA
249901	TTTGGTTTAG	CAACTICCCT	AATTAGTACA	TAAACACTIGT	GTAGCAGAAC
240051	TACCCTAATT	ACTICICATION	CCCCCCCCCCC	CAATCATAAA	CAAACTAACA
	TGTGTGTCAG				
250051	GGGGCAGCAT	ACACAAGATA	AGTTAAATAA	TGTAGTAGTT	GAGACCATGA
	GAAGGAGTTT				
250151	CCTAGCTTTG	AAGGCTTCAT	TAGTCTTAAT	TATCCAGAAA	GCATAAACTT
250201	AGCCATCAAA	GTGTATCCT	AATAACGITT	TACATCTTTA	GIGAAATGIT
250201	GCCTCTTTAA	TOTACTA	AACCAATTIC	ACTATCTTCC	TATAATCTAT
	AGGCGAAAAA				
	CTGGGTTCAG				
	<b>AATTTTCTTT</b>				
250451	CCACTACTTC	CTATTTTGA	<b>AGTATAAATA</b>	CTTTAAAGAT	TTTCCCCATTA
	<b>AGATGTTGCT</b>				
	TCATTTTTC				
	CTTAGAGACA				
250651	<b>ACAGTTTCTG</b>	AAGAATCTCA	TCIGIALIAA	(-AA) 172-116-	
250701				GACIOGI I	TICAAAACCI
250751	CHIGIAAH	AATTTTCTTA	CATTAAATCA	CAAGGCCGAA	AATGGAAAGT
	<b>AAATATGTAA</b>	<b>AAATGTAGAA</b>	CATTAAATCA AACTTAAATA	CAAGGCCGAA GGTTAATAAT	AATGGAAAGT TGTCAAAGAT
250801	<b>AAATATGTAA</b>	<b>AAATGTAGAA</b>	CATTAAATCA AACTTAAATA	CAAGGCCGAA GGTTAATAAT	AATGGAAAGT TGTCAAAGAT
250801 250851	AAATATGTAA ATTGAAATGG	AAATGTAGAA TAGTCAAAGC	CATTAAATCA AACTTAAATA CCTCCCCAAA	CAAGGCCGAA GGTTAATAAT AACTAAACAC	AATGGAAAGAT TGTCAAAGAT AAACACTTGA
250851	AAATATGTAA ATTGAAATGG ATAAACAGAC	AAATGTAGAA TAGTCAAAGC ACACTTTCCT	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG	AATGGAAAGAT TGTCAAAGAT AAACACTTGA GACATTGTTA
250851 250901	AAATATGTAA ATTGAAATGG ATAAACAGAC CCAGATTTTC	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT
250851 250901 250951	AAATATGTAA ATTGAAATGG ATAAACAGAC CCAGATTTTC AAAAAAAGC	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG TTTGCAAGGC	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC
250851 250901 250951 251001	AAATATGTAA ATTGAAATGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTCCAA	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC	CATTAAATCA AACITTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT	AATGGAAAGAT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT
250851 250901 250951 251001 251051	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTIC AAAAAAAAGC CTAATTICCAA TATICATTACA	AAATIGTAGAA TAGTCAAAGC ACACTTTICCT AGGGGATIGTA CAGGATACTA AAGATAGCAC AGTIGTIGGGAA	CATTAAATCA AACITTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATGGATG TITIGCAAGGC AAGTATAGGT AATTTAGTGA	AATGGAAAGAT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA
250851 250901 250951 251001 251051 251101	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTIC AAAAAAAAGC CTAATTICCAA TATICATTACA TIGGTTTTTTT	AAATIGTAGAA TAGTCAAAGC ACACTTTICCT AGGGGATIGTA CAGGATACTA AAGATAGCAC AGTIGTIGGGAA TTTTTTTTTT	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTTTT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG TTTGCAAGGC AAGTATAGGT AATTTAGTGA GAGTCGGATT	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT
250851 250901 250951 251001 251051 251101 251151	AAATATGTAA ATTGAAATGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTCCAA TATCATTACA TGGTTTTTT CACCCAGGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACCAC AGGTGGGAA TTTTTTTTTT	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCT GGTGCAATCT	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT AATTITAGTIGA GAGTICGGATT CTIGCTICACTIG	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT CAACCTCTGC
250851 250901 250951 251001 251051 251101 251151	AAATATGTAA ATTGAAATGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTCCAA TATCATTACA TGGTTTTTT CACCCAGGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACCAC AGGTGGGAA TTTTTTTTTT	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCT GGTGCAATCT	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT AATTITAGTIGA GAGTICGGATT CTIGCTICACTIG	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT CAACCTCTGC
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250851 250901 250951 251001 251051 251101 251151 251201 251251	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT CTCCCAGGCT TACAGGCGCC	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTTT GGAGTGCAAT CAAATGATTC CACCACCACG	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTATTTT GGTGCAATCT TTCTGCCTCA CCCAGCTAAT	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT AATTIAGTGA GAGTCGGATT CTIGCTCACTIG GCCTCCCGCG TITITIGTATTT	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT CAACCTCTGC TAGCTGGGCT TTAGTAGAGA
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT CTCCCAGGCT TACAGGCGCC CAGGGTTTCA	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTT GGAGTGCAAT CAAATGATTC CACCACCACG CCATGTTGGC	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTTTT	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT AATTIAGTGA GAGTCGGATT CTGCTCACTG GCCTCCCGCG TITIGTATTT TCAAACTCCT	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGC TAGCTGGGCT TTAGTAGAGA GACCTCATGA
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301 251351	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT CTCCCAGGCT TACAGGCGCC CAGGGTTTCA TCCGCCTGTC	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTT GGAGTGCAAT CAAATGATTC CACCACCACG CCATGTTGGC TCAGCCTCCC	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTT GGTGCAATCT TCTGCCTCA CCCAGCTAAT CAGGCTGGTC AAAGTGCTGG	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATGGATG TITGCAAGGC AAGTATAGGT AATTIAGTGA GAGTCGGATT CTGCTCACTG GCCTCCCGCG TITTGTATTT TCAAACTCCT GATTATAGGC	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT CAACCTCTGC TAGCTGGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301 251351 251401	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT CTCCCAGGTT TACAGGGGGC CAGGGTTTCA TCCGCCTGTC GCACCCAGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTT GGAGTGCAAT CAAATGATTC CACACCACCG CCATGTTGGC TCAGCCTCCC GGTAATTTTT	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTTT GGTGCAATCT TTCTGGCTAAT CAGGCTAAT CAGGCTGGTC AAAGTGCTGG TAATATAGTA	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGGATG TITIGCAAGGC AAGTATAGGT AATTIAGTGA GAGTCGGATT CTGCTCACTG GCCTCCCGCG TITITGTATTT TCAAACTCCT GATTATAGGC TITITATCTAA	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGT CAACCTCTGC TAGCTGGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT GGAAGTTAAG
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250851 250901 250951 251001 251051 251101 251151 251251 251301 251451 251401 251451 251601 251651 251601 251651 251701 251851 251801 251851	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTT CACCCAGGCT TACAGGCGCC CAGGGTTTCA TCCGCCTGTC GCACCCAGCT GATGGTTTAA AATATGTAAT AAAGCATTTG AATAGAAGGA ATTCATGATA AGGTGGACAG ATTCTTTGATA ACTAGAAGAA	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTT GGAGTGCAAT CAACTACC CCACCACCG CCATGTTGGC TCAGCCTCCC GGTAATTTTT CATTTAAAAA AGGCAAAAAA ATAAACTTTA AACTTTACAA AAGCTTTAAT TAGATCTGAC AGAAATGGTG CTTGGAAGTT GCAAGCTATA	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTTT GGTGCAATCT TCTGCCTCA CCCAGCTAAT CAGGCTGGTC AAAGTGCTGG TAATATAGTA ATCAAAGAAA ATTATATAAT ACTATATAAT ACTAGTTATA TAGTCCAATA GAGCAGAAAA ATACATTGTC TACTGTCAAT TACTGTCAAT TAGTCCAATA	CAAGGCCGAA GGITAATAAT AACTAAACAC GATTITATAG CATATIGATG TITIGCAAGGC AAGTATAGGT AATTTAGTGA GAGTCGGATT TCACTG GCCTCCCGCG TITIGTATTT TCAAACTCCT GATTATAGGC TITIATCTAA TICACTATAT TGTCTAAAAG TAAAAGGCT ACAAAGCAAG AGAAAACAAA GAGAAACTAA TATGTGGGCA AGTTTCAAGC	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGC TAGCTGGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT GGAAGTTAAG TAATGGTGAA TATGCTTTGA GAAAATTAGG TACAACAAAT ACAAATACAT AGTGAAATAA AATTAATACTTT
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301 251451 251401 251451 251601 251651 251701 251751 251801 251851 251801 251851 251801	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT TACAGGCGCC CAGGGTTTCA TCCGCCTGTC GCACCCAGCT GATGGTTTAA AATATIGTAAT AAAGCATTTG AATAGAAGGA ATTCTTGATA AGGTGGACAG ATTGTTCATA AGGTGGACAG ATTGTTCATA ACTAGAAGGA ACTAGAAGGA CAGGCAGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTTT GGAGTGCAAT CAACTACC CCATGTTGGC TCAGCCTCCC GGTAATTTTT CATTTAAAAA AGGCAAAAAA ATAAACTTTA AACTTTACAA AAGCTTTAAT TAGATCTGAC AGAATGGTG CTTGGAAGTT GCAAGCTATA ATATACTTTG	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTT GGTGCAATCT TTCTGCCTCA CCCAGCTAAT CAGGCTGGTC AAAGTGCTGG TAATATAAT ACTATATAAT ACTATATAAT ACTATATAAT ACTAGTTATA TAGTCCAATA GAGCAGAAAA ATTAGTCAATA GAGCAGAAAA ATACATTGTC TACTGTCAAT AGTATACTTT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG TTTGCAAGGC AAGTATAGGT AATTAGTGA GAGTCGGATT TCTGCTCACTG GCCTCCCGCG TTTTGTATTT TCAAACTCCT GATTATAGGC TTTTATCTAA TTCACTATAT TGTCTAAAAG TAAAAGCC ACAAAGCAAG AGAAAAAAAA GAGAAAAAAAA	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGC TAGCTGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT GGAAGTTAAG TAATGGTGAA TATGCTTTGA GAAAATTAGG TACAACAAAT ACAAATACAT AGTGAAATAA AATTATTAGA AATTATTAGA TATATACTTT GTTTTTCCAG
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301 251451 251401 251451 251601 251651 251701 251751 251801 251851 251801 251851 251801	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT TACAGGCGCC CAGGGTTTCA TCCGCCTGTC GCACCCAGCT GATGGTTTAA AATATIGTAAT AAAGCATTTG AATAGAAGGA ATTCTTGATA AGGTGGACAG ATTGTTCATA AGGTGGACAG ATTGTTCATA ACTAGAAGGA ACTAGAAGGA CAGGCAGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTTT GGAGTGCAAT CAACTACC CCATGTTGGC TCAGCCTCCC GGTAATTTTT CATTTAAAAA AGGCAAAAAA ATAAACTTTA AACTTTACAA AAGCTTTAAT TAGATCTGAC AGAATGGTG CTTGGAAGTT GCAAGCTATA ATATACTTTG	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTT GGTGCAATCT TTCTGCCTCA CCCAGCTAAT CAGGCTGGTC AAAGTGCTGG TAATATAAT ACTATATAAT ACTATATAAT ACTATATAAT ACTAGTTATA TAGTCCAATA GAGCAGAAAA ATTAGTCAATA GAGCAGAAAA ATACATTGTC TACTGTCAAT AGTATACTTT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG TTTGCAAGGC AAGTATAGGT AATTAGTGA GAGTCGGATT TCTGCTCACTG GCCTCCCGCG TTTTGTATTT TCAAACTCCT GATTATAGGC TTTTATCTAA TTCACTATAT TGTCTAAAAG TAAAAGCC ACAAAGCAAG AGAAAAAAAA GAGAAAAAAAA	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGC TAGCTGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT GGAAGTTAAG TAATGGTGAA TATGCTTTGA GAAAATTAGG TACAACAAAT ACAAATACAT AGTGAAATAA AATTATTAGA AATTATTAGA TATATACTTT GTTTTTCCAG
250851 250901 250951 251001 251051 251101 251151 251201 251251 251301 251451 251401 251451 251601 251651 251701 251751 251801 251851 251801 251851 251801	AAATATIGTAA ATTIGAAATIGG ATAAACAGAC CCAGATTTTC AAAAAAAAGC CTAATTICCAA TATCATTACA TIGGTTTTTTT CACCCAGGCT TACAGGCGCC CAGGGTTTCA TCCGCCTGTC GCACCCAGCT GATGGTTTAA AATATIGTAAT AAAGCATTTG AATAGAAGGA ATTCTTGATA AGGTGGACAG ATTGTTCATA AGGTGGACAG ATTGTTCATA ACTAGAAGGA ACTAGAAGGA CAGGCAGCT	AAATGTAGAA TAGTCAAAGC ACACTTTCCT AGGGGATGTA CAGGATACTA AAGATAGCAC AGTGTGGGAA TTTTTTTTT GGAGTGCAAT CAACTACC CCATGTTGGC TCAGCCTCCC GGTAATTTTT CATTTAAAAA AGGCAAAAAA ATAAACTTTA AACTTTACAA AAGCTTTAAT TAGATCTGAC AGAATGGTG CTTGGAAGTT GCAAGCTATA ATATACTTTG	CATTAAATCA AACTTAAATA CCTCCCCAAA AAGCCAAATA ACTCCTGTCT TCTGGCTAAT AAGAACAGAA TTCTAAATCA TTTTTTTT GGTGCAATCT TTCTGCCTCA CCCAGCTAAT CAGGCTGGTC AAAGTGCTGG TAATATAAT ACTATATAAT ACTATATAAT ACTATATAAT ACTAGTTATA TAGTCCAATA GAGCAGAAAA ATTAGTCAATA GAGCAGAAAA ATACATTGTC TACTGTCAAT AGTATACTTT	CAAGGCCGAA GGTTAATAAT AACTAAACAC GATTTTATAG CATATGGATG TTTGCAAGGC AAGTATAGGT AATTAGTGA GAGTCGGATT TCTGCTCACTG GCCTCCCGCG TTTTGTATTT TCAAACTCCT GATTATAGGC TTTTATCTAA TTCACTATAT TGTCTAAAAG TAAAAGCC ACAAAGCAAG AGAAAAAAAA GAGAAAAAAAA	AATGGAAAGT TGTCAAAGAT AAACACTTGA GACATTGTTA CTTTAAAAAT TTGTACAACC CCACCACACT ATAAGTCCAA CTCACCCTGC TAGCTGGGCT TTAGTAGAGA GACCTCATGA CTGTGCCACT GGAAGTTAAG TAATGGTGAA TATGCTTTGA GAAAATTAGG TACAACAAAT ACAAATACAT AGTGAAATAA AATTAATACTTT

252001 TGCATTTAAA CATTAACCTA ACAAAAAATT ATAATAGCTT TATGGAACAA 252051 ATTACAGAAC TTTACTAAAG GACGTAAATG AAAACTTGGT TAAATGAAGA 252101 GCTATAACAT GTCTATTGGT GGGGCACATA ACAACATAAA GATACCAATT 252151 CTCCCCAAAT CCAATTCCAA TTAAAATTAT AATAAGACTT TTGGGGAGCC 252201 TCAGTTAACT GACTCTGATG TAGAAAAGT TTCTTAGATA GCTAAGTCTA 252251 TTTTGAAATG TATCAGGAAG AGGGATGATT TTTTTCAACC ACATTTTAAT 252301 CCATATTTGT AAAAGTAATA TGGAACTGGC ATAGAAACAG ATGATTACAC 252351 TAATGAAACA GAAGAGACAG GTCAAAAACA GAACCATGGT GGGGAAAAGG 252401 AATGTTGCTT AGTAGGTTCT TGAAGACTGG TTTACAAAAT TTTAAAAATA 252451 AAGTTGGGCC CCTACTTCAC ATCACATACC ATGTGAACTC CACAGAGAAC 252501 AAGGACTTAA AAGTGACAGG TATAACCACA GAGCTAATAG AAGAAAATGT 252551 AAGAGAATAT TITTCTGATC TITTTTTAAA AAAAAATATA TATATATATA 252601 TTATTTTGAG ACACAGTCTT GCTTTGTCAT CCAGGTTGGA GTGCAGTGGC 252651 ACGATCACGG CTCACTGCAC CCTCAACCTC CTGGGCCCAA GCAATCCTCC 252701 CACCTCATCC CCCTCAGGTA GCTGGGACAA CAGCTGCATG CCACCATGCT 252751 TIGCTIGATTT TTIGTAGAGAT GGGGTTTICAC CATTITIGCCC AGGCTGGTCT 252801 TIGAACTICCTIG GGGTCAGGCA AGCCATCATIG CCCAGCCTAT TTTICTAATICT 252851 TIGATATIGAGG AAGAACTTICT TAAACCCTAC TIGCAAAAGCA CAAACTATCA 252901 GGGATACATT TTTTTTGCT TTACATTGTC AAAACTAAAG ATTTTTGTTC 252951 aatgattaaa gagtaaaaaa attaacagaa tagtgacaga titggaagaag 253001 ATATCTGCAG TGTCATAAGC AGACGAGATA AATATGTAGA CCATAAGAAA 253051 AATGCTTTCA AATCAAGAAG AAACCAATAT ATACAAAAGC AAAAGTTGTT 253101 ACTAGACAAT TCATGGAAGG GACTCCTTAC TGTCTAAGTG TATAAAGAGA 253151 GATGTTCAAC CTTATGAGGA ATTAGAGAAA TGCTAATTGA AACAACATAC 253201 CACTICCCAT CTATTTGGGA AGAAGTTTTT GAAAAATCAG TTGGTAAATC 253251 AAAATATAGG TGAGGATTTG GGGTAATGAG GACATTCATG CACTGCTGGT 253301 TGAAATGCAG GCTGACACAG CTGGTCTGAA GAGCAATGTC ACAGTCCTTT 253351 GTAAAAGTAA ATATGTTTAT AACTTGTCAC CCAGAAGTGC CATTTCGTGT 253401 ACATATTCTA TTGAAACACA TTTCAGCTTG ATAATGTTGT GTATCCCAGG 253451 ATGTTTACTG TGGAAGTGTT TCTGGTAGTG TGGGGTTGAG GACAACTTAA 253501 GTGTCCATCA CTATGAGAAT GGTCAAGTAA AATGCAACGG ATGCATCCTG 253551 TGGAACGTTC TGTAACAGAG CAATAAAATA AATGTTCAGG CAATGCCCTC 253601 CAGCCAGAGA CTCCTGGGAA CATACACCTG GAGTGGAACA AGTTGGGTTT 253651 ATTCCTCCTT GTATGGAGGG GTAATGCACA CCTTGCAGAA CTGGGAGTGT 253701 CTTAGCAAGA GGATGTTAGG AGGGAATTAT AAGAGCTGAG CTTGTATGAG 253751 atgatatggg ggagagctta agaaagtggg cattigtactig gattigcttac 253801 TTTCAGGAGG CAGAGACAAC GCCATGATTG ATTATCTTAA TTAAATCATC 253851 tigtaaggagg gaagaattga gtgaagctaa tiggtigtagtt ggtgaagaag 253901 CAGTCACTCT TACTACCTGG AACTGGGAAT ATATGTTTAT TTTGTGGCTT 253951 GGAGAGTGTT CATATTTTGT CCATACCTGA ATATGCAGCG GTCTTGTTTT 254001 TGTCTTGATC TGTTACTGTC ACAGAGTGGC CTCGTCTAAT GTTGCTGTTC 254051 TGTGAAATTG TTCATGTTCA ACAGAATACC AAGTGAGTCT CAGACCAGCT 254<u>10</u>1 catgataaca taaaggccat gctagtaata caataccaga gcagctctca 254151 aatatooctt ctgtttttoa gtactacaac aatacacaag atcttaaaaa 254201 TGTAGTAGTG ATTATTAAAA AGGGCTTACA GCAAGACCTA TAACATAATA 254251 TTATTTATAT AAATTACAGA CATAATAAAT AAAACAGTAG TATGTATTAT 254301 TCAAGGATGA ATATATGTAT ACAAGACCCT ATACCAAATA CAAGGGTTTT 254351 catictictagt gegetoggag ggaaggggcc agtagccaat attigggggeg 254401 AAAGGAAATA TTAAATAAGA GAAGAGOCTT GTATGGACCA ATGTGATAGT 254451 GTGCTATGTA GATTGAAAAC TATGATAATT CATTTTCAGC AGCTAAAGTC 254501 TTAAAACAAG TCTACACTTC TGCAGAAAAG TGGTAAGGGA AAGAGTGGGA 254551 GAGGACCTGT AGCCCAGCAT CTTATCTATA TITACTACTC TIGCCTIGIG 254601 GGAGGTGGGG GAAGGGGGAG GAGGAGGAAT ACCTTCTTTA AGCTTTTCCT 254651 AAATGTCTTA CATTTCCCCC AAAAGGAATG AGCTGTTGTA ATGATAGCAT 254701 GTTGATGCTG GTTAAAATAA AACATGCCCA CCAGTGTAAA ATGATAGCAT 254751 TAATATTTCT TGTGGGAACT TGATTTAGCT TTAAATGTAC CCAAAAGCTT 254801 TCGAAGTACA AAAGCCCTCA TATTAGCTCC AGAGAAACCA AGTTTATTAT 254851 ATCTTAAGGA AAAGATTTCT TCATGAACCT TAAATTTAGT GTCTGTGTAA 254901 TCATGITATT TTGTCATTTA CTTTTTAACT GTAGAAAAGA GCTTGATTTG 254951 ATTITITIT TITTITITIT GAGACGGAGT CTTACTCTGT CACCAGGCTG
255001 GAGTGCAGTG GCACGGTCTC GGCTCACTGC AGCCTCCGCC TCCCAGGTTC
255051 AAGCAATTCT CCTGCCTCAG CCTCCCGAGT AGCTGGGACT ACAGGCGTGC
255101 ACCACCATGC ACAGCTAATT TTTGTATTTT TAGTAGAGAC GGGGTTTCAC 255151 ogtgttggct gggatggtct caatctcttg accitgtgat ccacccaaag 255201 TIGCTCTGATT TIGGGAGACCT TIGGCCTCCCA AAGTIGCTIGGG ATTACAGGCG 255251 tgagccacog tgctggccag accttgattt ttttaggagt aaagagactt 255301 OCTACCTOCA CTCTAGTOCT CTTATCAGTG ATTTCTTTTT AAAAAAGTAA 255351 ATGTOCTTGT GTCTTCACTT CATCTTOCTT AATAAGTATT TAGAGGCAGT 255401 ATTITICGATA TTAACAGCAT AGATTICTITA ATTITAGGAAA GAAGAAAACT 255451 TAATTITGAT TITTCTAACT TICTGCTCAG CICTTCCAAC GIGAATATGT

#### FIGURE 3UUU

Rec'd PCT/PTO 03 SEP 2004 10/506549

255501	AGGICICIGT	CTCCCCGGGGT	<b>CCTCATTATG</b>	CTTTACTTTG	CCCTTTCCAG
255551	TGCCCTTTCC	AGTGTTTCAA	CCACATTGAG	CCGCATGGCC	GCATAGGGGA
	CTATGAAGAT				
255651	CIGHCICIT	TCTTAATTGG	टाजजाटाढ	GAATGGTGTC	TIGGIGITAT
255701	GTTTTAAAAC	ATTATTTTIGC	GIAATTTATG	TCATTITATA	GTCAGCCAGG
	AGAAAGTACA				
	ATAATTTACA				
52282T	TTCTATAAAG	CITIGAWAI	CCCTATACTC	TACTECTAAA	CTCTCCCCTT
5550E1	TACAAATGCA TTAGTGTAAC	CATCACTECA	ATACTICTACC	TTCAACCCAT	TACCTAATTT
	CTCATCCCTT				
	CIGITATICC				
	TATATACTAC				
256151	CTATTAGGAA	CIGITIAAAA	AATTTIGTTI	AAGAAACAAA	TGTATCTCCA
	TTCATATTCT				
	CTGATGAAAA				
256301	CCTGAGAGAA	<b>ATCACTCCCA</b>	попспс	AGGAACTTAT	TCTTTCAGAC
256351	TTGCAGGTTT	GAACTCTTGA	<b>AAATTTCTAT</b>	GIGITITCIC	TCTGAATATG
	TAGAAATTCC				
	TCTAAAAATT				
	AAAAATATAT				
	GCTGACATAT				
	CAAGTGTACA				
	CCCTGCACAT				
	TAATGGACAG				
	CTAGATATAT				
	GTTATAGAGC				
256901	TATTTTCAAG	CTAGTGTACC	TAATTAGATG	AGGACCATAG	GCAGTTTTTC
	CTTCAGATGC				
	TGCCTCCCCA				
	<b>GTCAGCTCAC</b>				
	CITATATATG				
	TGGAGTGCAG				
	CCAAGTGATT				
	CACGTGTGCA				
	TATTTTAGTA				
	TCTTGAGCTC ACAGGCGTGA				
	CTTTATTTAA				
	ACATGTACAC				
	TTAGTGCCTT				
	GITCTTICTA				
	<b>TGATTACAAA</b>				
257701	<b>GGCCAGGCAC</b>	<b>AGTGACTCCT</b>	<b>GCCTGTAATC</b>	CCCGCACTTT	AGGAGGCTGA
	GGCGGGAAGA				
257801	<b>GGTGAAATCT</b>	CATCTTTACT	AAAAATACAA	AAATTAGCTG	GGCATGGTGG
	CAAGTGCCTG				
	CGAACCCAGG				
72/A2T	CCAGCCTGGG	ACTATCTAAC	AGACICIGIC	CCTATTTTTC	ACCCACATIT
	TAGAACAAAA				
	GAGACAGATT				
	AAAACTTGTG				
	ATATCTAAAT				
	TTTTTGTGAG				
258301	TTTGGCATTC	<b>ATACTGTAAT</b>	TCTCTATCCT	GATTCTTGTG	TTTTTGCACA
258351	TTGTAGACAA	<b>ATATTAAAA</b>	TCCCACTTGA	<b>CATGATTCTA</b>	AATCAGAAAT
	TCCTGAGAAT				
	TTCAGTATTT				
	AAGAAGTTTT				
	GGATTGTGTG				
	TGTTTTTTG				
	GTAGTAAATA				
	CCTCTCTCAC				
	TGCAGTGGCG				
	CCATTCTTCT				
					GGTTTCACTG
					GCCCACCTTG

259001					
	GCCTCCCAAA	GTGCTGGGAT	<b>TACAGGTGTG</b>	AGCCACTGCG	CCTGGCCCTC
259051	CTCCTCTATT	TTTTTTTAC	<b>AGCCCTTTAA</b>	ΔΔΑΤΌΤΑΘΔΑ	GCTGGCCAAG
233031	CACCCTCATT	CACACATOCT	AGTTCCGGCA	CTTTCCCACC	CAACCTCCAC
<b>529TOT</b>	CACGGIGATI	CACACATOGT	AGIICUGGA	CITIGGGAGG	CARGIGGAC
259151	AGATTGCTTG	ATCCCAGGAG	CTCAAGACCA	GCCTCGGCAA	CATGGCAAAA
259201	CCTGTTCT	ACAAAAAAAT	ACAAAAATTA	<b>GTTGGACATG</b>	GTCACATGCA
250201	CCTCTACTCC	CACCTACTCA	<b>GGAGGCTGAG</b>	CITCOCTOCAT	TOCTTCACCC
<b>53353T</b>	CLIGIAGICC	CAGCIACICA	0040001040	GIGGGIGGAI	TOCTTOROCC
259301	CATGGGATCA	AGGCTGAGAT	TGTGCCACTG	CACTTCATCC	TGGGTGGCAG
259351	AGAGTCAGAC	CCTGTCTCAA	<b>AGAAAATAGT</b>	ΤΑΛΑΤΑΛΤΑΛ	TAAATAATAA
250301	TAATAAAAT	CTACAAATCA	TTCCAAGCTA	AACTICATA	TOWARATACE
<b>259401</b>	IAAIAAAAAI	GIAGAAAIGA	TICCAGCIA	ANGIGUICIA	IGAMATAGG
259451	TTTGGCCCAC	TGGCTGTTTT	<b>GGGGCCTAGT</b>	TCTAGACCAA	GTTCTGCCCC
259501	AAACTAATTG	TGIGCTTIGG	<b>GGTAGTTTGT</b>	ATAATTGGTT	TTATCTTCTC
233301	TO THE TOTAL PROPERTY.	ATTAACATAA	TCTAGTAGTC	ACTICATATC	TCAACAATTE
<b>52322T</b>	IGGCIATITI	AIGAAGAIAA	ICIAGIAGIC	ACTICATATO	IGMGMIII
259601	ATGAAATACC	TATATATTTG	CITTIGITIT	CTAATTTTAG	ATACACACIT
259651	ΤΔΟΤΔΟΔΟΔΔ	AATAATTTAG	<b>TCATGTTAAG</b>	TITGATTAAT	GCTAAGATTA
250701	CEATCATCE	ACCECAACCE	ATATGGCATG	TCAATTCACT	CTCACAAACT
<b>539/0T</b>	GIAICAICIG	AUGICAGCI	AIAIGGCAIG	TOWITCHE	GIOGOVAGI
259751	CTGAATTTGG	GICCTIGATT	<b>TGCTACTTAC</b>	TAGACTETET	GGTTGCAGGT
259801	AAGCTICTIGAA	ACTOTGAGTT	TCTACTTCCT	GTTCATCAAA	TTGATGAAAAT
250051	CACACTAACT	CTCCCTACCT	CTTAAAATTC	TTTAATTATT	TTTTAATTCA
233031	GACACIAACI	CIGCCIACCI	Timmire	CAAAACATTA	4470470477
259901	AATGTGAAAC	TAAGATACCG	TTATAAAGCA	CAAAACATTA	MICAICAII
259951	AGGAGTCATT	CITTTAAACT	<b>ACATGTTTTC</b>	ATAACTGAAT	TTCCCCCTTAT
260001	AAATTTTATT	ATTOCACAAAA	AATTTTAATT	TAAAAACCAC	TAACTAGTAA
20001	AND THE PROPERTY OF THE PROPER	TOTAL	ATACCATOTIC	CCAAATACAC	ACTCACTCCC
200051	<b>GGCCAATAAT</b>	ICHICAIAGI	ATAGCATCTG	CAMAIAGAC	ACIONIUS
260101	<b>TAGTTATCTA</b>	<b>AGGTAAGTCA</b>	GTAGCTTTTC	CAACTAGAAC	TTATACCTAG
260151	GTTTAATTA	TATIGTICE	TTCTAACTAA	CCCAATCCTA	TCAAATGCTC
<b>70070T</b>	ICIGGAAIAI	APOINAIDA	GCTCTTAACA	MUSCIC	CACAIAGIAG
260251	GCACTCAGAA	ATTTGCTGAC	TAATTCTAGG	ACTICCATCT	GCCTAGGTAT
260301	TAGATGTTTC	CATTTACCTC	TCAGCTGTAA	ATACTGCATT	TTTTGTGCTT
260251	AAACTATAAA	ACTICION	TTCCTTCTTA	CTTTCCATTT	CCTCCATTCC
200331	AMSIAIAM	ACIGITATE	CONTRACTOR	TEACACAACA	ATAMAMA
260401	CTCAGTAGTT	CICITIAICI	CCTTTGTCAG	IGACAGAAGA	AIAAAAAGAA
260451	AAATATTCCC	TGGGGACTGG	<b>ATAGGTTCTG</b>	TCCAATTGAA	AGATAGTTAA
260501	TITCCAGITT	ACTITIO	TGACCCTTCT	TCCCTCAGTT	AGTTATTTCC
200501	4464446666	ACTICAAACC	AAATITCATA	TAATAAAACC	TOTAL
			GGGGAGAAGG		
260651	TAGAAATCTA	AGATGGATTT	TTCAGTTTTA	TTTGGTTTTG	CGTTATACAC
260701	AGTTTAAGGG	CCCAACAAAA	CAGAAATAAC	TTAGTACAGT	ACTITCCAAA
260751	TOTACCICIA	CATCACAATC	ACCAGATAAG	CTTTCAAAAA	CCAAGGATTT
200/31	ICIAGCIGIA	CATCAGATC	ACCAGATANG	CITIGOVO	COMOGNIII
260801	CCTGGCCATG	AACCAGACTT	ATTAAATCAG	AATCTTGGAG	GGGGTCAGAG
260851	CTATCAATCT	ATAATTTCAG	AAGATTCAGC	CAGGTTTGAG	AACCAGTCAG
260901	TACCATGGTT	TTTAGAGTAA	GACAGATGTG	AGTTTGAAAT	CTGGTTCTGT
260051	TACTTACTAC	CHETATGAAT	TTCAGCAATT	TATTTAACCA	CCCTTCAAAA
200931	IACTIACIAC	CIGIAIGAI	CTAAACCTTC	ATTTCATTCA	CCTATTTCA
<b>50100T</b>	AAGTAAAGGT	AATACAGGTA	GTAAAGCTTC	ATTICATIGA	GGIATTTIGA
261051	GATTAAATGA	AATAATATAA	CATGTAAATG	CTTGCTACAT	AACAATCACT
			TTTTACATGA	TTOTATTATO	
261101	CACTAAATCA	TIGITIATIG		HUGIALIAIC	ATTTTCTGAC
261101	CAGTAAATCA	TIGITIATIG	AAAAGITAGA	CTANATITAN	ATTTTCTGAC
261101 261151	<b>AGATGGTATT</b>	<b>TCCTTAGGAA</b>	AAAAGTTAGA	CTAAATTTAA	ATTITICTGAC ATTITAAATA
261101 261151 261201	AGATGGTATT GAATTCTTTA	TCCTTAGGAA AAATAGAACG	AAAAGTTAGA TGAATAAAAG	CTAAATTTAA	ATTITICTGAC ATTITAAATA GACAGTICTCA
261101 261151 261201 261251	AGATTGTTAT GAATTGTTAT AATTAGTTAT	TCCTTAGGAA AAATAGAACG GCTACATGTG	AAAAGTTAGA TGAATAAAAG CATTATCAGC	CTAAATTTAA TTTATTTCAT ATTTTATTAA	ATTITICTGAC ATTITIAAATA GACAGTICTCA TAGAAATATG
261101 261151 261201 261251	AGATTGTTAT GAATTGTTAT AATTAGTTAT	TCCTTAGGAA AAATAGAACG GCTACATGTG	AAAAGTTAGA TGAATAAAAG CATTATCAGC	CTAAATTTAA TTTATTTCAT ATTTTATTAA	ATTITICTGAC ATTITIAAATA GACAGTICTCA TAGAAATATG
261101 261151 261201 261251 261301	AGATTGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC	CTAAATTTAA TTTATTTCAT ATTTTATTAA TTACAAGACT	ATTTTCTGAC ATTTTAAATA GACAGTCTCA TAGAAATATG TGACACTTTT
261101 261151 261201 261251 261301 261351	AGATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC	CTAAATTTAA TTTATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA	ATTTTCTGAC ATTTTAAATA GACAGTCTCA TAGAAATATG TGACACTTTT GTCACATTCA
261101 261151 261201 261251 261301 261351 261401	AGATTCTTTA GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATIG TIGACACTITIT GTICACATTICA AAGAAAAATIG
261101 261151 261201 261251 261301 261351 261401 261451	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATIG TIGACACTITIT GTCACATTICA AAGAAAAATIG ATTITACATIGA
261101 261151 261201 261251 261301 261351 261401 261451	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATIG TIGACACTITIT GTCACATTICA AAGAAAAATIG ATTITACATIGA
261101 261151 261201 261251 261301 261351 261401 261451 261501	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCTT	AAAAGTTAGA TIGAATAAAAG CATTATCAGC TIGTAGTTTTC GCACATAGGC TITICTAATCT TITITTATGT GTTTGTTAGT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TITGTTTTTT	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATIG TIGACACTITIT GTCACATTICA AAGAAAAATIG ATTITACATIGA TIGAGATAGGG
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551	AGATGGTATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TITTGGCAAAA GAAAAGAAAG GGCCCAACCT TCTGGCTCTG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTACTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAAT GGTTTTCTT TCACACAGGC	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT TGGGATGTGG	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC	ATTITICIGAC ATTITAAATA GACAGTICICA TAGAAATATG TGACACTITI GTCACATTCA AAGAAAAATG ATTITACATGA TGAGATAGGG TCAGCTCACT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCTTCTGGCTCCA GCAGCCTCCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTATATT TCACACAGGC CCTCCCAGAC	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATTGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGGCATGATC CTCCCACCCC	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCACT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCTTCTGGCTCCA GCAGCCTCCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTATATT TCACACAGGC CCTCCCAGAC	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATTGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGGCATGATC CTCCCACCCC	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCACT
261101 261151 261201 261251 261301 261351 261401 261451 261551 261551 261601 261651	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCACCT TCTGGCTCCA ATAGCTGGGA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCACACAGGC CCTCCCAGAC CTACAGACAT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGCCATGATC CTCCCACCCC GCCCAGCTTG	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCACT AGCCTCCTGA CITATITATI
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACATTTCATTCATTCATT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCCTTG TTCATTTATG	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITI GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTICACT AGCCTICACT AGCCTICACT AGCCTICAT TGTAGAGATGG
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701 261751	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGCA ATAGCTTCATTCA GGTCTTGCCA GGTCTTGCCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA ACCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701 261751	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGCA ATAGCTTCATTCA GGTCTTGCCA GGTCTTGCCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA ACCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701 261751 261801	AGATGGTATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC TTCATTCATT TGTTGCCCAG TGGCTTCCCA	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTCA AGCTCCTCA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA
261101 261151 261201 261251 261301 261351 261401 261451 261501 261651 261601 261701 261701 261851	AGATGGTATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CGTCCCAACT TACCTGGCCC TACCTGCCA	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGGG ACTAAAGCCA	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITI GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA
261101 261151 261201 261251 261301 261351 261401 261451 261501 261651 261601 261701 261701 261801 261801 261801 261801	AGATGGTATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CTTCCCAACT TACCTGGCCC AAGGGAAGCT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TIGATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC ACTGGTCTTG AAGTGTGGGGG TTTTTTTTAAA AAAATATGAG	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTT TGGCATGATC CTCCCACCCC GCCAGCTCG TTCATTTATG AACTCCTGGG ACTAAAGCCA ATATACATGT	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITI GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTITATI GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC
261101 261151 261201 261251 261301 261351 261401 261451 261501 261651 261601 261701 261851 261801 261851 261901 261951	AGATGGTATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CTTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCTT TCACACAGGC CCTCCCAGAC CTACAGACAT TIGATTCATT TGTTGCCCAG TGGCTTCCCA TGGCTTCCCA TGGTTTCCCA TGGTGTATT TGTTTCTCTGATT TGTTTCTCTGATT TGTTTCTCTGATT TGTTTCTCTGATT TGTTTCTCTGATT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCAAGCCATC ACTGGTCTTG AAGTGTGGGGG TTTTTTTAAA ACTGGTCTTG AAAATATGAG AAATCTGATA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TITGTTTTT TGGCATGATC CTCCCACCCC GCCAGCTTG TTCATTTATGAACTCTGGG AACTCCTGGG ACTAAAGGCA ATATACATGT TCAAATAACT	ATTITICIGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTITATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261751 261801 261851 261901 261901 261901	AGATIGITATT GAATTICITTA AATTAGITAT CAGGITATAGA TAGAGITATTA TITIGGCAAAA GAAAAGAAAG GGCCCAACCT TCTIGGCTCTG GCAGCCTCCA ATAGCTIGGCA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC	TCCTTAGGAA AAATAGAACG GCTACATGTG GTACTTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGCTTCCCA TGGTTATGTA TGTTCTTCATT TGTTGCCCAG TGGCTTCCCA TGGTTATGTA TGGTCTGTT TGTTCTCTCA TGGTCTGTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT TGGGATGTGG TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAAA AAAATATTGAA AAATCTGATAAAA TGTGTTAAAA	CTAAATTTAA TITATTTAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TIGGCTGCTTG TTTGTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATAT TCAAATAACTT TAAGTATCTA	ATTITICTGAC ATTITAAATA GACAGTICTCA TAGAAATATG TGACACTITI GTCACATTCA AAGAAAAATG ATTIACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGACTACCACTAC TACCTGAAA TACACCACTAC
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261751 261801 261851 261901 261951 262001 262051	AGATIGITATT GAATTICITTA AATTAGITAT CAGGITATAGA TAGAGITATTA TITIGGCAAAA GAAAAGAAAG GGCCCAACCT TCTIGGCTCCA ATAGCTIGGGA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATIGATTTIG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTACTTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA GGACCTGATT GGTGTATGTA GTTTCTCTAG TGGTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAGA AAATCTGATAAAA TGTGTTAAAA TATTCTGAGA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TIGGCTGCTTG TTTGTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA	ATTITICIGAC ATTITAAATA GACAGTICICA TAGAAATATG TIGACACTITIT GTICACATICA AAGAAAAATG ATTITACATGA TIGAGATAGGG TICAGCTICACT AGCCTICCTIGA CITATITIATIT GTAGAGATGG CTICAAGTGAT TIGAGCCACCA TAACTAAGTA TIGACCACCA TAACTAAGTA TIGATITITAGC CTACCTIGAAA TACCACCTAC ATATITITITA
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261751 261801 261851 261901 261951 262001 262051	AGATIGITATT GAATTICITTA AATTAGITAT CAGGITATAGA TAGAGITATTA TITIGGCAAAA GAAAAGAAAG GGCCCAACCT TCTIGGCTCCA ATAGCTIGGGA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATIGATTTIG	TCCTTAGGAA AAATAGAACG GCTACATGTG GTACTTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA GGACCTGATT GGTGTATGTA GTTTCTCTAG TGGTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG TGGTTTCTTCAG	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCAT CATTCATTCA ACTGGTCTTG AAGTGTGGGG TTTTTTTTAA AAAATATGAGA AAATCTGATAAAA TGTGTTAAAA TATTCTGAGA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TIGGCTGCTTG TTTGTTTTT TIGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA	ATTITICIGAC ATTITAAATA GACAGTICICA TAGAAATATG TIGACACTITIT GTICACATICA AAGAAAAATG ATTITACATGA TIGAGATAGGG TICAGCTICACT AGCCTICCTIGA CITATITIATIT GTAGAGATGG CTICAAGTGAT TIGAGCCACCA TAACTAAGTA TIGACCACCA TAACTAAGTA TIGATITITAGC CTACCTIGAAA TACCACCTAC ATATITITITA
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261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261801 261951 261901 262001 262001 262001 262001	AGATIGITATI GAATTICITTA AATTAGITATI CAGGITATAGA TAGAGITATTA TITIGGCAAAA GAAAAGAAAG GGCCCACCACT TICTIGGCTCTG GCAGCCTCCA ATAGCTIGGCA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAATIGATTAG GACTTTTATIG GCTTTTATIG GGCTTTTATIG GGCTTTTATIG TIGTTCCACTC	TICCITIAGGAA AAATAGAACG GCTACATGTG GTATTICACTC TIGTACATGTT ACTATTITAGA AGTATAAAAT GGTTTTTCTT TICACACAGGC CCTCCCAGAC CTACAGACAT TICATTICATT TIGTTGCCCAG TIGGCTTCCCA CGACCTGATT GGTGTATGTA TIGTTCTCTGA TIGGTCTGTT GCATTCTAAT TIGTTACATA TIGTTACATA CTICATACTTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCATC ACTGGTCTTG AAGTGTGGGG TTTTTTTAAAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGAAA TCTAAAGTGC	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTTT TGGCATGATC CTCCCACCCC GCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TCAAATAAAT	ATTITICIGAC ATTITAAATA GACAGTICICA TAGAAATATG TIGACACTITIT GICACATTICA AAGAAAAATG ATTITACATGA TIGAGATAGGG TICAGCTICACT AGCCTICACT AGCCTICACT AGCCTICACT AGCCTACTAC TAACTAAGTA TIGAGCCACCA TAACTAAGTA TIGAGCTACA TAACTACAAA TACCACCTAC ATATITITITA ATTITITAC AAGAAGAAAA
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261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701 261851 261901 262001 262051 262101 262151 262201 262201	AGATIGITATI GAATTICITTA AATTAGITATI CAGGITATAGA TAGAGITATTA TITTIGGCAAAA GAAAAGAAAG GGCCAACCT TICTIGGCTCCA ATAGCTIGGGA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTAG GACTTTTATG TIGTTCCACTC ATCTTTTTTGCCA CTTCTCACTC CATCTTTTTTTCACTC CATCTTTTTTTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCCCAGACC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGATACTTT TCATACTTT TCATACTT TCATACT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCATC ACTGGTCTTG AAGTGTGGG TTTTTTTAAA ACTGGTCTTG AAAATATGAG AAATCTGATA TGTTAAAAA TATTCTGAGAA TCTAAAAGTGCT TTAGTAAAGTCT TTAGTAAAGTTCT TTAGTAAAGGTT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTIGTTTTTT TGGCATGATC CTCCCACCCC GCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTTAAAA ATAAGTCTGA TGTCCGACTTC ATGATATTTC CCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT	ATTITICIGAC ATTITAAATA GACAGTICTOA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTITACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TIGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261651 261701 261851 261901 262001 262051 262101 262151 262201 262201	AGATIGITATI GAATTICITTA AATTAGITATI CAGGITATAGA TAGAGITATTA TITTIGGCAAAA GAAAAGAAAG GGCCAACCT TICTIGGCTCCA ATAGCTIGGGA CATTICATTCA GGTCTTGCCA CCTCCCAACT TACCTIGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTAG GACTTTTATG TIGTTCCACTC ATCTTTTTTGCCA CTTCTCACTC CATCTTTTTTTCACTC CATCTTTTTTTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCCCAGACC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGTTACATACTTT TGATACTTT TCATACTTT TCATACTT TCATACT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCATC ACTGGTCTTG AAGTGTGGG TTTTTTTAAA ACTGGTCTTG AAAATATGAG AAATCTGATA TGTTAAAAA TATTCTGAGAA TCTAAAAGTGCT TTAGTAAAGTCT TTAGTAAAGTTCT TTAGTAAAGGTT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTIGTTTTTT TGGCATGATC CTCCCACCCC GCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTTAAAA ATAAGTCTGA TGTCCGACTTC ATGATATTTC CCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT CCCAGCATGAT	ATTITICIGAC ATTITAAATA GACAGTICTOA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTITACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TIGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTT
261101 261151 261201 261251 261301 261351 261401 261451 261501 261651 261601 261651 261701 261851 261901 262001 262051 262101 262151 262201 262201 262201 262201	AGATIGITATI GAATTICITTA AATTAGITAT CAGGITATAGA TAGAGITATTA TITIGICAAAA GAAAAGAAAG GGCCAACCT TICTIGICACCT TICTIGICACCT TICTIGICACCT ATAGCTIGIGA CATTICATTCA GGTCTTIGCCA CCTCCCAACT TACCTIGICCA CCTCCCAACT TACCTIGICCA CATAGATTATAG CAAATGATAC TATGATTTTATI GACTTTTATIG TIGTTCCACTIC ATICTTTTICATIC ATICTTTTICATIC ATICTTTTITITTTTTTTTTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTTCCCAGACAT TTCACTCCAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA CGACCTGATT GGTGTATGTA GTTTCTCTGA TGGTCTGTT GCATTCTAG TTGTACATACTT CAATGTTTTC TCATACTTT TATTTTTTTTTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTATGT TGGGATGTGG TCAAGCCATC TCACCACCATC ACTGGTCTTG AAGTGTGGG TTTTTTTAAA AAAATATGAG AAATCTGATA TGTTAAAAA TATTCTGAGAA TCTAAAAGTGC TTAGTAAAGTCT TTAGTAAAGTTCT TTAGTAAAGGTT	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTIGTTTTTT TGGCATGATC CTCCCACCCC GCCCAGCTTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTTAAAA ATAAGTCTGA TGTCCGACTTC TGCCACCCC CCCAGCTTG TTCAATTACATGT TCAAATAACT TAAGTATCTA TCTTTTTAAAA ATAAGTCTGA TGTCCGACTTT ATGATATTTC CCAGCATGAT GTCTCGCTCT	ATTITICIGAC ATTITAAATA GACAGTICTOA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTITACATGA TGAGATAGGG TCAGCTCACT AGCCTCCTGA CTTATTTATT GTAGAGATGG CTCAAGTGAT TGAGCCACCA TAACTAAGTA TGATTTTAGC CTACCTGAAA TACACACTAC ATATTTTTTA TIGTGGTTCA AAGAAGAAAA TGCCAGTTAT CATTTCTTTT GTCGCCCAGG
261101 261151 261201 261251 261301 261351 261401 261451 261501 261601 261601 261751 261801 261951 262001 262051 262101 262201 262201 262351	AGATIGITATT GAATTICITTA AATTAGITAT CAGGITATAGA TAGAGITATTA TITIGGCAAAA GAAAAGAAAG GGCCAACCT TCTIGGCTICG GCAGCCTICCA CCTICCCAACT TACCTIGGCCC AAGGGAAGCT GAACATITAG CAAATGATAC TATGATTITIG GACTITTATG TGTTCCACTC ATGATTATAGA TTTTTTTTTTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGTTTTCTT GGTGTATGTA GTTTCTTCAT TGTTACATA TTGTTACATA TTGTTTTTT TGTGGCGGGGAT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGG TCACCACCATC ACTGGTCTTG AAGTGTGGGG TTTTTTTAAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGA TTTTAAAGTGC GAATTGTTCT TTAGTAAGGT TTGAGAAGCGA CTCGGCTCAC	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTTGTTTTT TGGCATGATC CTCCCACCCC GCCCAGCCTG TTCATTTATG AACTCCTGGG ATTATAGGCG ATTATACATGT TCAAATAACT TCAAATAACT TCAAATAACT TCAAATAACT TCAAATACT TCAAATACT TCAAATACT TCAAATACT TCAAATAACT TCAAATACT TCAAAGCTC TCCAAGCTCC TGCAAGCTCC TGCAAGCTCC	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATG TIGACACTITTI GTCACATTCA AAGAAAAATG ATTIACATGA TIGAGATAGGG TICAGCTICACTI AGCCTICCTGA CITATTTATTI GTAGAGATGG CTCAAGTGAT TIGAGCCACCA TAACTAAGTA TIGAGTTAC ATATTTTTA TIGTIGGTTICA AAGAAGAAAA TIGCCAGTTAT CATTITCTTTT GTIGGCCCCAGG GCCTCCCGGG GCCTCCCGGG
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261751 261801 261951 262001 262051 262101 262101 262201 262301 262351 262301 262351 262401	AGATIGITATT GAATTICTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAAATGATAC TATGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTTGCC ATCTTTTTGCC ATCTTTTTTGC ATCTTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTTC ATCTTTTTTTC ATCTTTTTTTC ATCTTTTTTC ATCTTTTTTC ATCTTTTTTTC ATCTTTTTTTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGTTATTCATT GGTGTATGTA GTTTCTTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TTTTTTTTT TTTTTTTTTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGGG TCAAGCCATC ACTGGTCTTG AAGTGTGGGG TTTTTTTAAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGA TTTTTAAAA TATTCTGAGA TTTTTAAAGTGC GAATTGTTCT TTAGTAAGGTC TTTAGTAAGGTC CAGCCTCCCA CAGCCTCCCA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTGGTTTTT TGGCATGATC CTCCCACCCC GCCCAGCCTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA ATAAGTCTGA TGTCCGACTTC CCAGCATGAT GTCTCGCTCT TGCAAGCTCC AGTAGCTCGC	ATTITICIGAC ATTITAAATA GACAGTICTOA TAGAAATATG TGACACTITT GTCACATTCA AAGAAAAATG ATTIACATGA TGAGCTICACT AGCCTICACT AGCCTICACT AGCCTACTAT TGAGCACCA TAACTAAGTA TGAGCACCA TAACTAAGTA TGACCACCA TAACTAAGTA TGACCACCA TAACTAAGTA TGACCACTAC ATATTITTTA TTGTGGTTCA AAGAAGAAA TGCCAGTTATT CATTITITTT CATTITITTT TGTGGCCCCAGG GCCTCCCCGGG ACTACAGGCG
261101 261151 261201 261251 261301 261351 261401 261451 261501 261551 261601 261751 261801 261951 262001 262051 262101 262101 262201 262301 262351 262301 262351 262401	AGATGGTATT GAATTCTTTA AATTAGTTAT CAGGTATAGA TAGAGTATTA TTTGGCAAAA GAAAAGAAAG GGCCAACCT TCTGGCTCTG GCAGCCTCCA ATAGCTGGGA CATTCATTCA GGTCTTGCCA CCTCCCAACT TACCTGGCCC AAGGGAAGCT GAACATTTAG CAATTGATTTTG GACTTTTATG TGTTCCACTC ATCTTTTTGCC ATCTTTTTTGC ATTTTTTTGC ATTTTTTTGC ATTTTTTTGC ATTTTTTGC ATTTTTTGC ATTTTTTGC ATTTTTTGC ATTTTTTGC ATTTTTTGC ATTTTTTTC ATCTTTTTTC ATCTTTTTT ATCTTTTT ATCTTTTT ATCTTTT ATCTTTT ATCTTT ATCTTT ATCTTT ATCTTT ATCTTT ATCTTT ATCTTT ATCTTT ATCTT ATCT ATCTT ATCT ATCTT ATCT ATCTT ATCT ATCTT ATCT ATCTT	TCCTTAGGAA AAATAGAACG GCTACATGTG GTATTCACTC TGTACATGTT ACTATTTAGA AGTATAAAAT GGTTTTCTT TCACACAGGC CCTCCCAGAC CCTCCCAGAC CTACAGACAT TTCATTCATT TGTTGCCCAG TGGCTTCCCA TGGTTATTCATT GGTGTATGTA GTTTCTTAAG TTTGTACATA CTCATACTTT CAATGTTTTG TGCATTCCTT TTTTTTTTT TTTTTTTTTT	AAAAGTTAGA TGAATAAAAG CATTATCAGC TGTAGTTTTC GCACATAGGC TTTCTAATCT TTTTTTATGT GTTTGTTAGT TGGGATGTGGG TCAAGCCATC ACTGGTCTTG AAGTGTGGGG TTTTTTTAAA AAAATATGAG AAATCTGATA TGTGTTAAAA TATTCTGAGA TTTTTAAAA TATTCTGAGA TTTTTAAAGTGC GAATTGTTCT TTAGTAAGGTC TTTAGTAAGGTC CAGCCTCCCA CAGCCTCCCA	CTAAATTTAA TITATTTCAT ATTTTATTAA TTACAAGACT CAAGATGATA AACACAATAA TGGCTGCTTG TTGGTATTTT TGGCATGATC CTCCCACCCC GCCCAGCCTG TTCATTTATG AACTCCTGGG ATTATAGGCG ACTAAAGCCA ATATACATGT TCAAATAACT TAAGTATCTA TCTTTTAAAA ATAAGTCTGA TGTCCGACTTC CCAGCATGAT GTCTCGCTCT TGCAAGCTCC AGTAGCTCGC	ATTITICIGAC ATTITAAATA GACAGTICTICA TAGAAATATG TIGACACTITTI GTCACATTCA AAGAAAAATG ATTIACATGA TIGAGATAGGG TICAGCTICACTI AGCCTICCTGA CITATTTATTI GTAGAGATGG CTCAAGTGAT TIGAGCCACCA TAACTAAGTA TIGAGTTAC ATATTTTTA TIGTIGGTTICA AAGAAGAAAA TIGCCAGTTAT CATTITCTTTT GTIGGCCCCAGG GCCTCCCGGG GCCTCCCGGG

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262501	TCACCGTTTT	<b>AGCCGGGATG</b>	<b>GTCTCGATCT</b>	CCTGACCTCG	TGATCCGCCC
262551	GCCTAGGCCT	CCCAAAGTGC	<b>TGGGATTACA</b>	GGCGTGAGCC	ACCGCGCCCCG
262601	GCCCCAGCAT	GATCATTTCT	AAAGTGAAAA	TAAACAGTGA	AAAGCCATTA
		AATAATGTTG			
		GTCACATAAA			
		<b>GCTTCATTTG</b>			
		GCCAAGACTA			
		GGTGCTCACT			
		AAAGTATTAA			
		TAACCTTTAG			
		TTATTCTATC			
		TTATTATCTA			
		AACTGTTACA			
		TCTGTTTTAC			
		TATGAATGTC			
		AGTAATTTIG			
		TAACTCAGGT			
		CTTCACATAT			
		GGAAGTGGGG			
		TOCATTGTTA			
		GCTTTAAAAA			
		CGCCACTGCA			
		AAAAAGAAAG			
		AATCTCCCAC			
		GGATATTTAC			
		TTTGAAGCTA			
		TGGATCATAA			
		TAAGGATATA			
		CTAGGAATTC			
		TCIGITTICG			
264051	<b>ATTCATCTAA</b>	TATGAATATT	<b>ATGACTACAG</b>	AATAATTAGA	ATCCCAGCAA
264101	TGGAAAGTTT	GAATAAAAAT	TATTAAGTGT	AAAAGTTTTA	CTTCTTAAGA
		TCAGAATGAG			
		AGTITAGTCT			
		AATGCCTTCT			
		TTAGTTTTCT			
		TGAAATGTAG			
		TTTTCTAAGG			
		ATGAGGTTGG			
		CTAAGAAGTT			
		AAAGTGGGAA			
		<b>GCAAAGCTCT</b>			
264701	<b>AACTCACTGA</b>	<b>GCTACCCAAA</b>	<b>AGACTAGTTT</b>	<b>GTCATTGCAG</b>	TGGCTCCTAG
264751	ACATTGCTTT	ACGAGGAAAG	AAAAGAGGAA	AGAGGATGAG	CCTAGATACA
		CTTGGGAAAA			
		CTATTGTTTT			
		AAATAACCAC			
265001	CCAAATACC	TGTTGTTCTT	TACTTTATCE	ATTACCTCTT	ACGGIACICI
		TCTTCACAGC TTTTGAAGTT			
		TTCTGGAATG			
		AGTTACCCAA			
		ATATACTTIG			
		ATATATGGAG			
		TCIGITIGAA			
		TAGACATAAT			
265401	TAAAGTGATC	CTCTCTAATC	CTTTATACTC	TAGGTTTTTT	TTGTAAGGAT
		AAATTTTGAA			
		GCACTTTGGG			
		ACCAGCCTGG			
205001	AATACAAAAA	TTAGCTGGGT	ATAGTGGCAC	AIGCTTGTAG	TCCCAGCTAC
		GAGGCAGGAG			
265751	CCCCCTATT	ATGATCATAC CAAAAAAAAA	AAAAACACTO	AACTTA	ACIONOMA TTTTAATTTT
2658U1	ATATTIC	ATTTAAATAA	AAACAGAAGA	AAGATAATCA	ACTURATOR
		ATCTTTCATT			
		GACCATATAT			
		TAGTATTGCC			

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266001					
	TTCTGTAAGA	ACTTCCTATT	<b>TATTGTAGTG</b>	ATTTTTTCCC	AGTGATTTTC
266051	ΑΤΤΑΤΑΑΤΑΤ	ΤΔΔΔΔζΤΔΤΔ	<b>AGCCATTTTT</b>	CTACTTTTGA	CATCTAAATG
			<b>GTAAATATCT</b>		
266151	TCTTCCATAA	AATATTAACA	GTAACTTGAA	ATATTAATAA	CATTTCTGCA
266201	GTGTACCCTA	ΔΔGΔΔCΔΔCC	<b>AGAATCTTTG</b>	ACTAGAAGGA	CCCTCATTCT
	- · · · · · · · · · · · · · · · · · · ·		TOGTOGATCA		
266301	AGTGATTAGA	CTACACTTGT	TTTTTGCTAG	TGTGGAACTA	CATTATTGCT
266351	TCAAATTTAT	TTTCAACTTA	<b>GCAATATTTC</b>	CCCTACT	TITTOTTIC
2004U1	CHIGAGAIGI	ACIGATOTT	TCCAAAAGTC	HIGHLIGACA	ICACLICIGI
266451	TTTAAAATGC	TGATCATAAA	<b>AGATGATTAT</b>	TGTTTTAATG	TTIGTTTAT
			CATAMAGGA		
<b>50022T</b>	HIGGIAGGIA	GACGICITAA	TAGTATTGGT	HAHIGGGCC	CGAGAATICI
266601	ATAAATATGC	TAGTCATTGT	AGGGTAATGT	TGAAGCAGTT	GTCAAAGTCA
			<b>AGTGAATTTC</b>		
_ = = = = ::					
<b>500/0T</b>	ATTRICTICE	TAGTACCCAA	ATTTCTCACA	ATTGAAAAGC	AACIGGGIGI
266751	TGGGACAGAA	ATATAGTATT	TGGACATTAG	AGGGTCTGGC	CTTGACATTT
266801	CATCCTACTA	CTTAACTCCC	TCTTATCTAA	AACTIGGTATIC	CTAAAAGCCT
			TGICIGICIA		
266901	TATATGAGGT	AATATGTGTG	CAACAGGAAA	GAACTGGCCC	AAAATGTTAG
266951	TOTAL	ΑΤΤΛΛΓΛΛΑΛ	CCTGCTCTGC	CCCATTCTCT	CTTTGATATT
			TCTTTTCAC		
267051	TTTGTTCATT	CTTTATCATC	TGCTCAGAGT	TGTAAGTTTA	CCACAAGTGG
267101	AGACCTTCCCA	TGTACACCCA	<b>GGGACCAGAG</b>	TCACCCCATA	ACTCATTTTC
			AAGCCTCCTT		
267201	ATGCCTTTTT	TCTTTCTT	TTTAATTT	GACTTTTCCA	ACGTAGTTGA
267251	AACACAGAAT	CTCCGTTAAC	<b>CCTCAATGTA</b>	CACTGGTCTT	AATCAGATCA
			AATGTTTCAC		
26/351	ATGGGCCATC	CAGAGTGGCT	GTACCCAGAA	CAACAGGTTT	ACIGITATI
267401	GTTTCACTCC	AGTTCCCTGA	CTTTGACTGC	TCTCTTTGAG	TATTGCCTTA
			AAAAGATGCC		
26/501	TTTTGCATAG	ATTAATTGTA	CTAGTTTAGT	CTGAGTTAAT	TTTAATTTAA
267551	TCCATTTGCT	AAGGTCATTT	<b>GCTTTTTTT</b>	TITITITITI	TTTTTTTGG
			CCAGGCTGGA		
<b>50/02T</b>	CICACIGCAG	CCCGGGTTCA	<b>GGTGATCATC</b>	CCACCTCAGC	HCCCAAGIA
267701	GCTGGAACCA	CAGGCGTGCA	CCACACCTGG	CTAATTTATT	TTTTTTAAGA
			CCCAGGCTGG		CTCCAATCAA
			TCCCAAAGTG		
267851					
					TCCTAAGTAA
267901					
	TGGTCCTGGG	AACTTTACAA	CAATACTGTG	<b>ACTATTCTCT</b>	TTTCAAAAAT
267951	TGGTCCTGGG GTGTATCGGC	AACTTTACAA TTAAATATTT	CAATACTGTG AAGAGATGGG	ACTATTCTCT AAAGAGAAGT	TTTCAAAAAT TCCTGATGAC
267951 268001	TGGTCCTGGG GTGTATCGGC ATTGTATGCA	AACTITACAA TTAAATATIT CCACGGTAGC	CAATACTGTG AAGAGATGGG AGGTGATGTG	ACTATTCTCT AAAGAGAAGT GTGACTGTAT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG
267951 268001	TGGTCCTGGG GTGTATCGGC ATTGTATGCA	AACTITACAA TTAAATATIT CCACGGTAGC	CAATACTGTG AAGAGATGGG	ACTATTCTCT AAAGAGAAGT GTGACTGTAT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG
267951 268001 268051	TGGTCCTGGG GTGTATCGGC ATTGTATGCA GTAATAACAC	AACTITACAA TTAAATATTT CCACGGTAGC TTTTGGCCTC	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA
267951 268001 268051 268101	TGGTCCTGGG GTGTATCGGC ATTGTATGCA GTAATAACAC TATGTGTCAC	AACTITACAA TTAAATATTT CCACGGTAGC TTTTGGCCTC ATTTTGTTTC	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA
267951 268001 268051 268101 268151	TGGTCCTGGG GIGTATCGGC ATTGTATGCA GTAATAACAC TATGTGTCAC AGGCAAAAAA	AACTITACAA TTAAATATTT CCACGGTAGC TITTGGCCTC ATTTTGTTTC TAAAGCAGTG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTGT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC
267951 268001 268051 268101 268151 268201	TIGGTICCTIGGG GTIGTATICGGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTTIGTIGG	AACTITACAA TTAAATATIT CCACGGTAGC TITTGGCCTC ATTITGTTTC TAAAGCAGTG TGAGATTGCA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA
267951 268001 268051 268101 268151 268201	TIGGTICCTIGGG GTIGTATICGGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTTIGTIGG	AACTITACAA TTAAATATIT CCACGGTAGC TITTGGCCTC ATTITGTTTC TAAAGCAGTG TGAGATTGCA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTGT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA
267951 268001 268051 268101 268151 268201 268251	TIGGTICCTIGGG GTIGTATICGGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTTIGTIGG CTITTICTAGT	AACTITACAA TTAAATATIT CCACGGTAGC TITTGGCCTC ATTITGTTTC TAAAGCAGTG TGAGATTGCA TAGATTTCA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA
267951 268001 268051 268101 268151 268201 268251 268301	TIGGTICCTIGGG GTIGTATICGAC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGTIGG CTITTICTAGT AGAATTGAGAA	AACTITACAA TTAAATATIT CCACGGTAGC TITTGGCCTC ATTITGTTTC TAAAGCAGTG TGAGATTGCA TAGATTTCA AGGCCTGAAG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT
267951 268001 268051 268101 268151 268201 268251 268301 268351	TIGGTICCTIGGG GTIGTATICGAC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGTIGG CTITTICTAGT AGAATIGAGAA GAAAGGACTT	AACTITACAA TTAAATATTT CCACGGTAGC TTTTGGCCTC ATTTTGTTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401	TIGTICCTIGGG GIGTIATICGAC ATTIGTIATICAA GTAATIAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGG CTITTICTIAGT AGAATIGAGAA GAAAGGACTT TITCACAGGAA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTITCA AAGGCCTGAAG CCTCTAATAG TGAAAGAAGA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITCAAAAAT TCCTGATGAC CTCTGTTTAG TCCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAAGGTA ATTAAGGTGCT
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401	TIGTICCTIGGG GIGTIATICGAC ATTIGTIATICAA GTAATIAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGG CTITTICTIAGT AGAATIGAGAA GAAAGGACTT TITCACAGGAA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTITCA AAGGCCTGAAG CCTCTAATAG TGAAAGAAGA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITCAAAAAT TCCTGATGAC CTCTGTTTAG TCCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAAGGTA ATTAAGGTGCT
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401 268451	TIGGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTTIGTIGG CITTTICTAGT AGAATGAGAA GAAATGAGAA GAAAGGACTT TITCACAGGAA ACTATIGGGGT	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTIC TAAAGCAGTG TGAGATTICA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTAA TCTTCTTTAA TCTTCTCTTAT ACAGAAGGAG TTCCATAGTG	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGTATAT
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401 268451 268501	TIGGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CITTICTAGT AGAATGAGAA GAAAGGACTT TITCACAGGAA ACTATIGGGGT TIGAGGCATTT	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTIC TAAAGCAGTG TGAGATTITCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTATTAAC	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTAA TCTTCTCTTAA ACAGAAGGAG TTCCATAGTG AAAACACTCT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT
267951 268001 268051 268101 268151 268201 268301 268301 268451 268451 268501 268551	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTICACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTG	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTICCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG CTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGAC ATTTAATGAC ATTTATTAAC TATTAAGCCA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAAGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC
267951 268001 268051 268101 268151 268201 268301 268301 268451 268451 268501 268551	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTICACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTG	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTICCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG CTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGAC ATTTAATGAC ATTTATTAAC TATTAAGCCA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAAGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC
267951 268001 268051 268101 268151 268201 268251 268301 268401 268451 268501 268501 268601	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTCACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGGTATTIG TCAGGGTTTCA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGGTTTTCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA TGAAGAATGT TCAAACTTGG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTTTTAAC TATTAAGCCA CACTTAAAGT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT
267951 268001 268051 268101 268151 268201 268251 268301 268401 268451 268501 268551 268601 268651	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTICACAGGAA ACTIATIGGGGT TIGAGGCATTT GTGAGGTATTGA GCAGTATTAC GCAGTATTAC	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA TGAAGAATGT TGAAGAATGT TCAAACTTGG AGAGGGGCTC	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATTGAC ATTTTTTAAC TATTAAGCCA CACTTAAAGT CATCTATTTG	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAAGTGGTCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA
267951 268001 268051 268101 268151 268201 268251 268301 268401 268451 268501 268651 268601 268651 268701	TIGGTICCTIGGG GTGTATICGAC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTTTTTCTAGT AGAATGAGAA GAAAGGACTT TTTCACAGGAA ACTIATTIGGGT TIGAGGCATTT GTGAGTATTIG TCAGGTTTICA GCAGTATTIAC ACAGTIGTAGA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGGGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATAGC ATTTTTTAAC TATTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTCA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAAGGTGCT TACTGTATTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTGGTTTT AATTGGTTGG
267951 268001 268051 268101 268151 268201 268251 268301 268401 268451 268501 268651 268601 268651 268701	TIGGTICCTIGGG GTGTATICGAC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTTTTTCTAGT AGAATGAGAA GAAAGGACTT TTTCACAGGAA ACTIATTIGGGT TIGAGGCATTT GTGAGTATTIG TCAGGTTTICA GCAGTATTIAC ACAGTIGTAGA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATTGAC ATTTTTTAAC TATTAAGCCA CACTTAAAGT CATCTATTTG	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAAGGTGCT TACTGTATTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTAGGTTTT AATTGGTTTT AATTGGTTGG
267951 268001 268051 268101 268151 268201 268251 268301 268451 268451 268501 268551 268601 268651 268701 268751	TIGGTICCTIGGG GTGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTTTTICTAGT AGAATGAGAA GAAAGGACTT TTICACAGGAA ACTATIGGGGT TIGAGGCATTTT GTGAGTATTIG TCAGGTTTICA GCAGTATTIAC ACAGTIGTAGA CACTICATTIAC	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTIC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGGGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTAATGAC ATTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGGATTT ATTTGGTTTT AAAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA
267951 268001 268051 268101 268151 268201 268251 268301 268451 268501 268501 268551 268601 268751 268701 268751 268801	TIGGTICCTIGGG GTGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTTTTICTAGT AGAATIGAGAA GAAAGGACTT TTTCACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGGTATTIG TICAGGTATTIC ACAGTATTICA ACAGTIGTAGA CACTICATTIAC GCACTTTTICA GCACTTTTICA GCACTTTTICA GCACTTTTICA GCACTTTTICA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA TGAAAGAAGA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGGGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTAATGGAC ATTAATGAC ATTAATGAC ATTTTTAAC TATTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTTCCA AAGAAATGCC ACTTCCA AAGAAATGCC ACTTCTGTTA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC
267951 268001 268051 268101 268151 268201 268251 268301 268451 268501 268551 268601 268701 268701 268751 268801 268851	TIGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTITIGG CTITTICTAGT AGAATGAGAA ACTATIGGGGT TICACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTAC ACAGTATTAC ACAGTGTAGA CACTCATTAC ACACTCATTAC AGGTTTICA AGTTTTICACAGGAA ACTCATTAC ACACTCATTAC ACACTCATTAC AGGTTTTICA AGTTTTICACAGGAA AGTTTTICACAGGAA ACTCATTAC AGGTTTTICA AGTTTTICACAGGAA AGTTTTICACAGGTTTTICA AGTTTTICACAGGTTTTICA	AACTITACAA TTAAATATIT CCACGGTAGC TTTTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTITCA TAGAGTTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG GGTAATTCTG	CAATACTGTG AAGAGATGAG AAGAGATGAG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTTTAAGCCA CACTTAAAGT CATCTATTTGAC CACTTAAAGT CATCTATTTGAC ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAMACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAMAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG
267951 268001 268051 268101 268151 268201 268251 268301 268451 268501 268651 268701 268701 268851 268801 268851 268801	TIGGTICCTIGGG GIGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGGC CTITTICTAGT AGAATGAGAA GAAAGGACTT TICACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTAC ACAGTATTAC ACAGTGTAGA CACTCATTAC ACACTTTICA AGTTTTICACAGGAG GTTAATTAAT	AACTITACAA TTAAATATIT CCACGGTAGC TTTTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTGCA TAGAGTTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT	CAATACTGTG AAGAGATGAG AAGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTTTAAC TATTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG AATTAAAAAG AATTAAAAAG	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAMACA TTAATGATCA ATCTGATTTC TGAGGCCAGA CTACTTCAGT AATAMAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AMACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAGC ACATTGTTTG CTTTGATTCA
267951 268001 268051 268101 268151 268201 268251 268301 268451 268501 268651 268701 268701 268851 268801 268851 268801	TIGGTICCTIGGG GIGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGGTTIGGC CTITTICTAGT AGAATGAGAA GAAAGGACTT TICACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTAC ACAGTATTAC ACAGTGTAGA CACTCATTAC ACACTTTICA AGTTTTICACAGGAG GTTAATTAAT	AACTITACAA TTAAATATIT CCACGGTAGC TTTTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTGCA TAGAGTTTTCA AGGCCTGAAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT	CAATACTGTG AAGAGATGAG AAGAGATGAG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTTTAAGCCA CACTTAAAGT CATCTATTTGAC CACTTAAAGT CATCTATTTGAC ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAMACA TTAATGATCA ATCTGATTTC TGAGGCCAGA CTACTTCAGT AATAMAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AMACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAGC ACATTGTTTG CTTTGATTCA
267951 268001 268051 268101 268151 268251 268251 268351 268401 268551 268601 268751 268751 268801 268851 268901 268951	TIGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGGTIGTIGG CITTICTAGT AGAATGAGAA ACTATIGGGGT TICACAGGAA ACTATIGGGGT TIGAGGTATTICA GCAGTATTICA CACTIGTTICA ACACTIGTTICA ACTIGTTICA	AACTITACAA TTAAATATIT CCACGGTAGC TTHIGGCCTC ATTITIGTTIC TAAAGCAGTG TGAAGCAGTG TGAAGCAGTG CCTCTAATAG CCTCTAATAG TGAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTAAAA CCATTGCTCT TGGACTGCTCT TGGACTGCTCT TGGACTTCTT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCGTA ATTAATGGAC ATTTAATGGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ACTTTAAAGT CACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG AATTAAAAAG AAGAAATAAA	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TITICAMAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATTCA TCGAGCCAGA CTACTTCAGT AATTAAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAGAA AATTACAGAA AATTACAGAA AATTACAGAA ACATTGTTTCA
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401 268551 268601 268751 268701 268851 268801 268901 268951	TIGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTIGTIGG CITTICTAGT AGAATGAGAA ACTATIGGGGT TICACAGGAA ACTATIGGGGT TICACAGGAT TICACAGGAA ACTATIGGGGT TICACAGGAT ACAGTATTAC ACAGTATTAC ACAGTATTAC ACACTICATTAC GCACTITTICA AGTTTIGGCAG GTTAATTTAATTAATTATAAGTGAT GTCAAATATT	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTIGCA TAGATTTTCA AAGGCCTGAAG CCTCTAATAG TGAAAGAAGA AAGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTTA GGTAATTTCT TGGACTGCTTA GGTAATTTCT TCGACTGCTTA ACCATGTTAGA ACCATTCTG ACCATGTTAGA ACCATTCTG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGGGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCCA ACTTCTGATTAAAG ATTATGTAAAG AATTATAAAAG AAAAATATAAAGG AGAAATATAA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTTCTAC AGAGGTTAAT ACAGAAGGAG TTCCATAGTG AAAACACTCT GTTTGTAGGT TAGGATTCAA TTACCTGAAA AGCAAAACTT CTCATCTTGC GAGCTGTATC CTGGGGAGGA TGAAATTATA ATCTGTGTTT ATATTCCTAT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATTCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACT TCCTTCTCAT
267951 268001 268051 268101 268151 268201 268251 268301 268351 268401 268551 268701 268751 268801 268851 268901 268951 268901 269051	TIGGTICCTIGGG GIGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CITTICTAGT AGAATGAGAA ACTATIGGGGT TICACAGGAA ACTATIGGGGT TICACAGGAA ACTATIGGGGT TICACAGGAT TICACAGGAA ACTATIGGGGT TICACAGGAT ACAGTITTICA CACGTATTICA CACGTATTICA CACGTATTICA ACAGTIGTAGA CACTCATTICA AGGTTTICA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGTTTC TAAAGCAGTG TGAGATTIGCA TAGATTTTCA AAGGCCTGAAG CCTCTAATAG TGAAAGAAGA AAGGTTATCA TGAAGAATGT TCAAACTTGG AGAGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTCT TGGACTGCTCT TGGACTGCTCT TGGACTGCTT TGGACTGCTT TGGACTGCTT ACCATTGTGT ACCATTTAGA ACCATTCTG GAAGGAATGT GAAGGAATGT GAAGGAATGT GAAGGAATGT GAAGGAATGT GAAGGAATGT GAAGGAATGT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGGGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTGACTAAG GAATTATGAC ATTTAAGCCA CACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCCA ACTTCTGATTAAAGT ACTACTTCCA AAGAAATGCCA ACTTCTGATTAAAGT ACTACTTCCA AAGAAATGCCA ACTTCTGATTAAAGA AAGAAATGCCA CACTTCAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCCA ACTACTCTGATAAAGA AAGAAATATAAAAGA AAGAAATATAAAAGA AAATATAAAGG CATAGCTGGT	ACTATTICTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATTCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAGAA AATTACAGCA ACATTGTTTCA TCCTTCTCAT AAATTGAGCA AGATATTACT TCCTTCTCAT AAATTGAGCA
267951 268001 268051 268151 268201 268251 268301 268351 268401 268451 268601 268751 268801 268851 268801 268901 268901 269051 2690101	TIGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATIGTITITIGG CITTICTAGT AGAATGAGAA GAAAGGACTT TICACAGGAA ACTATIGGGGT TIGAGGTATTIC GCAGTATTIAC ACAGTIGTICA GCACTITTICA AGTITTICA GCACTITTICA AGTITTICA AGTITTICA AGTITTICA AGTITTICA TATAAGTIGAT TATAAGTIGAT TATACAGTAT ATTICCTATIGA TATIGCAGCTA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTIGCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG TGAAGAAGAA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT ACCATGTAGA ACCAATTCTG GAAGGAATGT AACCACTCT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCGTTA ATTAATGTAAAG AATTAAAAAG AATTAAAAAG AATTAAAAAG AAATTAAAAGC CATAGCTGGT GGACTCTTTT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTTCTTC AGAGGTTAAT TACAGAAGGAG TTCCATAGTG AAAACACTCT GTTTGTAGGT TAGGATTCAA TTACCTGAAA AGCAAAACTT CTCATCTTGC GAGCTGTATC CTGGGGAGGA TGAAATTATA ATCTGTGTTTAT TTAGGTAAAG TTTTTTTTTT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAAAGGTAT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACT TCCTTCTCAT AAATTGAGCA CAACTACCTA CAACTACCTA CAACTACCTA
267951 268001 268051 268151 268201 268251 268301 268351 268401 268451 268601 268751 268801 268851 268801 268901 268901 269051 269051	TIGTICCTIGGG GIGTATICGC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTIGTIGG CITTICTAGT AGAATGAGAA GAAAGGACTT TICACAGGAA ACTATIGGGGT TIGAGGTATTIC GCAGTATTIAC ACAGTIGTICA GCACTITTICA AGTITTICA TATAAGTIGAT TATAAGTIGAT TATAAGTIGAT TATICCTATIGA TATICCTATIGA TATICCCTATICA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTIGCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG TGAAGAAGAA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT ACCATGTAGA ACCAATTCTG GAAGGAATGT AACCACTCT	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCGTTA ATTAATGTAAAG AATTAAAAAG AATTAAAAAG AATTAAAAAG AAATTAAAAGC CATAGCTGGT GGACTCTTTT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTTCTTC AGAGGTTAAT TACAGAAGGAG TTCCATAGTG AAAACACTCT GTTTGTAGGT TAGGATTCAA TTACCTGAAA AGCAAAACTT CTCATCTTGC GAGCTGTATC CTGGGGAGGA TGAAATTATA ATCTGTGTTTAT TTAGGTAAAG TTTTTTTTTT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAAAGGTAT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACT TCCTTCTCAT AAATTGAGCA CAACTACCTA CAACTACCTA CAACTACCTA
267951 268001 268051 268101 268151 268201 268251 268301 268451 268401 268551 268601 268751 268801 268851 268901 268901 269051 269051 269051	TIGTICCTIGGG GIGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTIGTIGG CITTICTAGT AGAATGAGAA GAAAGGACTT TICACAGGAA ACTATIGGGGT TIGAGGTATTIC ACAGTATTICA GCAGTATTICA GCACTITTICA AGTITTICA AGTI	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTIGCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG CCTCTAATAG TGAAGAAGAA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGGCTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT ACCATGTAGA ACCAATTCTG GAAGGAATGT AACCATTCTG GAAGGAATGT AACCACTCT GGATCCATAG	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ACACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATTAATGTAAAG AATTAAAAAG AATTAAAAAG AATTAAAAAG AATTAAAAAG CATAGCTGGT GGACTCTTTT TGCCTGCTCT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTTCTTC AGAGGATTAAT TCATCTTCATCTTC AGAGGGTTAAT ACAGAAGGAG TTCCATAGTG AAAACACTCT GTTTGTAGGT TAGGATTCAA TTACCTGAAA AGCAAAACTT CTCATCTTGC GAGCTGTATC CTGGGGAGGA TGAAATTATA ATCTGTGTTT ATATTCCTAT TTAGGTAAAG TTTTTTTTGG ACCATGCTAT	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACT AAGTTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACA AGATATTACA AAGATATTACA AAGATATTACAT AAATTGAGCA CAACTACCTA AAGCTTAGGG
267951 268001 268051 268151 268201 268251 268301 268351 268401 268451 268601 268751 268801 268851 268901 268951 269951 269051 269051 269101 269151 269201	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTICAC AGGCAAAAAA ATTIGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTICACAGGAA ACTATIGGGGT TIGAGGCATTTIC GCAGTATTIAC ACAGTIGTICA GCACTTTTICA AGTITTICA AGGCTTTICA AGGCTTTICA AGGCTTTICA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTITCA AGGCCTGAAG CCTCTAATAG CCTCTAATAG TGAAAGAAGA AGGTTTATCA CATTATTCAT TGAAGAATGT TCAAACTTGG AGAGGGGTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT ACCATGTAGA ACCAATTCTG TACCATGTAGA TCCAGAAAAG TCCAGAAAAG TCCAGAAAAG	CAATACTGTIG AAGAGATGGG AGGTGATGTIG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ATTTAATGAC ACTTAAAGT CATCTATTTG ACTACTTCCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG AATTAAAAAG AATTAAAAAG AAATTAAAAGG CATAGCTGGT CAGACCTGTAA	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA AATTAGGTGCT TACTGTATAT ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAAGC ACATTGTTTG CTTTGATTCA AGATATTACT TCCTTCTCTAT TCCTTCTCTAT AAATTGAGCA CAACTACCTA AAGCTTAGGG TGAGTGAGTA
267951 268001 268051 268151 268201 268251 268301 268351 268401 268551 268601 268751 268751 268901 268951 269001 269051 269151 269251	TIGGTICCTIGGG GTGTATICGCC ATTIGTATIGCA GTAATAACAC TATIGTIGTCAC AGGCAAAAAA ATIGGTTIGTIGG CTITTICTAGT AGAATGAGAA GAAAGGACTT TTCACAGGAA ACTATIGGGGT TIGAGGCATTT GTGAGTATTIAC ACAGTIGTIAC TATAAAGTIGAT TATAAAGTIGAT ATTICCTATICA TATICCTATICA TATICCTATICA TATICCTATICA CACGCACAGT AAGGCTTTICC GATAGCCACA	AACTITACAA TTAAATATIT CCACGGTAGC TITTIGGCCTC ATTITIGGTTC TAAAGCAGTG TGAGATTGCA TAGATTTTCA AGGCCTGAAG CCTCTAATAGA TGAAGAAGA AGGTTATTCAT TGAAGAAGTT TCAAACTTGG AGAGGGGTC GATTTTAAAA CCATTGCTCT TGGACTGCTA GGTAATTCTG TCATTTGGTT ACCATGTAGA ACCAATTCTG GAAGGAATGT TCATTTGGTT ACCATGTAGA ACCAATTCTG TCATTTGGTT AACCACTCT GGTCCATAAAA TCCAGAAAAG TCCAGAAAAAG TCCAGAAAAAA	CAATACTGTG AAGAGATGGG AGGTGATGTG ATACTAGCGT ATCAGCTTTC TGCTTTTTGT CAGAGATGAA TCTTTCCTGT GGTACCTCTA ATTAATGGAC ATTTAATGGAC ATTTTTAAC ATTTAATGGAC ATTTTTTAAC TATTAAGCA CACTTAAAGT CATCTATTTG ACTACTTCA AAGAAATGCC ACTTCTGTTA ATATGTAAAG AATTAAAAGA AAATATAAAG CATAGCTGGT GGACTCTTT TGCCTGCTCT GAACCTGTAA GGTTAAGTAT	ACTATTCTCT AAAGAGAAGT GTGACTGTAT TTGAATTAGT CATCTCAGCA ATCTAACCTC TAGAGGACTT GCATATTTAA TCTTCTCTTC	TTTCAAAAAT TCCTGATGAC CTCTGTTTAG TCCGGAAACA TTAATGATCA ATCTGATTTC TGAAGTATCA TCGAGCCAGA CTACTTCAGT AATAAAGGTA ATTAAGGTGAT TACTGTATTA ATTTGGTTTT AAACACTGCC CTCTTTCACT ATTGCCTGGA GCAGTGATGT TGTCTAGGAA AATTACAGC ACATTGTTTG CTTTGATTCA AGATATTACT TCCTTCTCAT AAAGTTACCT TCCTTCTCAT AAATTGAGGA CAACTTACCTA AAGCTTACGGT TGAGTGAGTA TTGTGACTAT
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TIEST GIOGRAPHIA CHICHICUM MAIGHICLE HICHICHE HAIHIGEIC

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278401 GTTTGAGTTT GGTTGCACTG AGAAGGCAAG CTTGTTACTT TACTGTAAAA 278451 AATAAAGTGC TTGTCCAAGC TTGTTGCATG TTGGCAGTTG AGAGGCTGCT 278501 CTTTTGCTGG CTGGAACGTG GACAACTTTT TAACCTCTCC AAGGCAACGT 278551 AGCTGTGACA AGATGTCAGT TACCTTCAAA AAGTAAATAA ATCACAGCCT 278601 TTGAGTTTCA GCATAATAAT AAAGATCCAA TGTCCTCACA TGAGTTTCTC 278651 ATTCCACAAT TTTGAATCAT ATTTTTTTGT GGCAATGCT CTACCTTCAA 278701 AGATAAAGAAC ATCACAAGGA AAGAACAGTG AACTATAACTTT AATAAAATAA
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278401 GTTTGAGTTT 278451 AATAAAGTGC TTIGTCCAAGC TTIGTTGCATG TTIGGCAGTTG AGAGGCTGCT 278501 CTTTTGCTGG CTGGAACGTG GACAACTTTT TAACCTCTCC AAGGCAACGT 278551 AGCTGTGACA AGATGTCAGT TACCTTCAAA AAGTACATA AAGATCCAA TTIGACTCT CTAGCAT CTACCACAT TTTGAATCAT AAAGATCCAA TGTCCCTCACA CTACCACAT TTTGAATCAT AAAGATCCAA TGTCCCTCACA TGTCCTCACA CTACCACAT TTTGAATCAT AAAGATCCAA TGTCCCTCACA TGTCCTCACA CTACCACAT TTTTAAAAATA CAGTTTTTGT GGCAAATGCT CTACCATTCAA CTACCACAGGA AAGAACAGTG AATTATTCT CACCACAGGA AAGAACAGTG AATTATTCT TAACAAATCA CTACCACAGGA AAGAACAGTG AATTATTCT TAACAAATCA CTACCACAGGA AAGAACAGTG AATTATTCT TAACAAATCA CTACCACAGGA AAGAACAGTG AATTATACC CTTCCTTGC CTGCAGAGGA CACCAGTTC CTGCAGAGGA CACCAGTTC CACCACGGT TTGCACACAC CTGCCTTCC CTGCAGAGGA CACCAGTTC CACCACGTC TTGCACACA CTTCCCTTGC CTGCACACAC CTTCCTTGC CTGCACACAC CTTCCCTTGC CTGCACACAC CTTCCCTTCC
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278401 GTTIGAGTTT GGTTGCACGT AGAAGGCAAG CTTGTTACTT TACTGTAAAA 278451 AATAAAGTGC TTGTCCAAGC TTGTTGCATG TTGGCAGTTG AGAGGCTGCT 278501 CTTGTGCACA AGATGTCAGT TACCTTCAA AAGAAAAAAAAAA
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278401 GTTIGAGTTT GGTTGCACGT AGAAGGCAAG CTTGTTACTT TACTGTAAAA 278451 AATAAAGTGC TTGTCCAAGC TTGTTGCATG TTGGCAGTTG AGAGGCTGCT 278501 CTTGTGCACA AGATGTCAGT TACCTTCAA AAGAAAAAAAAAA

280051	. Gtaaataata	CTTCAGAACA	GTGATCTCTG	AACTITITCA	TTGCATATAC
	CTGAGTACTT	TTTAGCATAT	<b>ACTACTAATA</b>	TGTGCATATT	TATTTATTTT
		<b>GGTTTTATGC</b>			
		GATTITATGT			
		cirincir			
		TACACATAAA			
280301	AGCCATAGCC	CAGCACCCCC	AATGGTGATA	TCTTATATCT	GTAGAACAAT
		GGAAATTGTC			
			-		
		GTTCTTATCA			
280451	GTGTGCAATG	CAATTTGACC	CCTATTACAG	ATTCATATAA	TCACTACTAC
280501	AATCAAGGTA	<b>GAGCATTATA</b>	TATTTGATCA	CCACAAGGAA	ACTICITIST
		ATAGTTGGAT			
		CIGIGICCAT			
280651	. Cagctgggca	CGATGGATTG	CATCTGTAGT	CCTAGCTACT	CGGGAGGCTG
280701	GGGTTGGGAGG	<b>ATCCCTTGAG</b>	CCTAGGGGTT	CGAGGCTGCA	GTGAGCCGTG
		TGCACTCCAA			
		TAAATCAAAA			
		AAGATTGGCT			
280901	TAGCCAAGCT	<b>GTATGTATCA</b>	<b>ATAGTTGTAC</b>	ППППППППППППППППППППППППППППППППППППППП	TTTTAGAAGG
		CTTATCGCCC			
		TCCGCTCCCA			
		<b>GGATTACAGG</b>			
281101	TATTTATTTA	TTATTTGAGA	<b>CGGAATCTTG</b>	CTCTGTCACC	CAGGCTAGAG
		CAGTCTTGGC			
		GCCTCAGCCT			
		CCAGGCTGGT			
281301	GCCTCGGCCCT	CCTAAAGTGC	TGGGATTATA	AGCGTGAGCC	ACTGCGCCCA
281351	GCCAGTTGTA	CCTTTTTAT	TCCTGAGTAG	TTACACTGCT	TTATGGATGT
		AACCATTTAT			
		TATGAATAAA			
281501	atgtgaacat	<b>AAGITTTCAT</b>	TTCTTTAGAA	TAAAGAGTAC	AATTGTTGAA
281551	TCATATGATA	TATTAGTTTC	CTGTTGCTGC	TATAACAAAT	TACCACAGGC
		AACAACACAA			
		TCATCGGGCT			
281701	TTTCTGAAGG	CTTTAGAGAA	GAATCTATTC	CTTTCCTAGT	TICICCIGIT
281751	ATTCTTGGCT	TGTAGTCTCT	TCCTTCATCT	TCAAAGGAGC	AATGTTGCAT
		CTTTCCTTCG			
		TTCCACTTTT			
		GTCAACTGAT			
281951	THCICITIG	<b>CTATGTAAAG</b>	TAACATATTT	TCAGGTTCCA	GGGGTTAGAA
282001	ΤΑΤΓΙΔΑΓΑΤΟ	TAGGGGTTGG	TAATCETTCET	CTCCCTACTG	
			I AMERICA I COLL		CATATGATAA
フタフハミュ					CATATGATAA
	ATTCATGTTT	<b>AGTTCTATTT</b>	TAGAAACTAC	CAAACTATCT	TCCAGAGTGG
282101	ATTCATGTTT	AGTTCTATTT TATATTCCCA	TAGAAACTAC CCAGTAATGA	CAAACTATCT ATGAGAAATC	TCCAGAGTGG TAGTTTCTCT
282101	ATTCATGTTT	<b>AGTTCTATTT</b>	TAGAAACTAC CCAGTAATGA	CAAACTATCT ATGAGAAATC	TCCAGAGTGG TAGTTTCTCT
282101 282151	ATTICATIGTET CATIGTIGACTE ACATCCCTIGC	AGTTCTATTT TATATTCCCA	TAGAAACTAC CCAGTAATGA TATTCTAGTA	CAAACTATCT ATGAGAAATC GGTATGTAGT	TCCAGAGTGG TAGTTTCTCT GATACCTCAT
282101 282151 282201	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT	TCCAGAGTGG TAGTTTCTCT GATACCTCAT GAACTTTTTT
282101 282151 282201 282251	ATTICATGITTI CATGIGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTTGCCATAC	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA	TCCAGAGTGG TAGTITCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA
282101 282151 282201 282251 282301	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA	TCCAGAGTIGG TAGITTICTICT GATACCTICAT GAACTITITIT TGTCCGCTICA AGTCCTICTGA
282101 282151 282201 282251 282301 282351	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC
282101 282151 282201 282251 282301 282351 282401	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT
282101 282151 282201 282251 282301 282351 282401	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT
282101 282151 282201 282251 282301 282351 282401 282451	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT CTCATAGGGT
282101 282151 282201 282251 282301 282351 282401 282451 282501	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACTTA	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATTA TTTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTICTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT GGACCCAGTG
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTICTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT CCCAGTTTGC	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTCGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITT TGTCCGCTCA AGTCCTCTGA TITTAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601 282651	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGTGCTG ACTGGCTCTT GCAAGTTAGT GCAAGTTAGT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG GAGACAGTAG ATTTTGGATGT CCCAGTTTGC TTTTAAACAG	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTCGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TITTAATTC TCCATAGGGT AAGCTGTGTT AAGCTGTGTT AGCACCAGTG TTCTGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601 282651	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGTGCTG ACTGGCTCTT GCAAGTTAGT GCAAGTTAGT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG GAGACAGTAG ATTTTGGATGT CCCAGTTTGC TTTTAAACAG	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTCGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TITTAATTC TCCATAGGGT AAGCTGTGTT AAGCTGTGTT AGCACCAGTG TTCTGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601 282651 282701	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG GTTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGTGCTG ACTGGCTCTT GCAAGTTAGT TGCAAGTTAGT TGCAAATTGGT TGGAAATTGGT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG GAGACAGTAG ATTTTGGATGT CCCAGTTTGC TTTTAAACAG CAATCACTAT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTCGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGITTICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TITTAATTC TCCATAGGGT AAGCTGTGTT AAGCTGTGTT AGGACCCAGTG TTCTGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGGAGT TCCCCTCCTC
282101 282151 282201 282251 282301 282351 282451 282451 282551 282561 282601 282651 282701 282751	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGTGCTG ACTGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG GAGACAGTAG CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TCCATAGGGT AAGCTGTTTT GGACCCAGTG TTCTGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC TGTTGGAAGTC AGTGAGACTG
282101 282151 282201 282251 282301 282351 282451 282551 282551 282601 282701 282751 282701 282751	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT GCAAGTTAGT TGCAAGTTAGT TGGAAATTTGG GGGTAGTTAA TGTCAAGAAA	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGAGTAGA ATTTGAGTAGA CCAGTTTGC CCCAGTTTGC CCAGTTTGC CAATCACTAT ATATTTACCA TTGAGTATTT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACAGTTA AGGTAGAGTTA AAGTAGAGTTA AAGTAGAGTAGAGTA AAATCAGTAGCCA AAATCAGTAGCCA AAATCAGTAGCCA TTTTCCTTTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCATAGGGT AAGCTGTGTT GCACCCAGTG TTCTGAAGTC TGTTGGGAGT TCCCCCTCCTC AGTGAGACTG AGTCAGTGCCC AGTGAGACTG AGTCAGTGCCCCTC AGTGAGACTG AGTCAGTGCC
282101 282151 282201 282251 282301 282351 282401 282551 282551 282601 282701 282751 282801 282851	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCATTT TTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA TGTCAAGAAA TATCATAAAT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGAGTAGA ATTTGAGTAGA CCAGTTTGC CCCAGTTTGC CCAGTTTGC CAATCACTAT ATATTTACCA TTGAGTATTT AAATATGTCA	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGGAGT TCCCCTCCTC AGTGAGACTG AGTCAGTGCC TTCACCAGCT TTCACCAGCT
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601 282751 282801 282851 282801 282851	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTGATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTT	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTIGCCATAC ACATTTICCT TGCAMATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTIGTGCTG ACTGGCTCTT GCAMATTAGT TGGAMATTGG GGGTAGTTAA TGTCAMGAMA TATCATAMAT GCTTTGTATT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATTT AAATATGTCA TTTTGCTATT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGAGTC TGTTGGAGTC TCCCCTCCTC AGTCAGAGTC AGTCAGTGCC TTCACCAGCT TTCACCAGCT TTCACCAGCT TTCACCAGCT TTTCACCAGCT TTTCACCAGCT TTTGTGTTTCA
282101 282151 282201 282251 282301 282351 282401 282451 282501 282551 282601 282751 282801 282851 282801 282851	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTGATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTT	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTIGCCATAC ACATTTICCT TGCAMATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTIGTGCTG ACTGGCTCTT GCAMATTAGT TGGAMATTGG GGGTAGTTAA TGTCAMGAMA TATCATAMAT GCTTTGTATT	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATTT AAATATGTCA TTTTGCTATT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTTTCTCT GATACCTCAT GAACTTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGAGTC TGTTGGAGTC TCCCCTCCTC AGTCAGAGTC AGTCAGTGCC TTCACCAGCT TTCACCAGCT TTCACCAGCT TTCACCAGCT TTTCACCAGCT TTTCACCAGCT TTTGTGTTTCA
282101 282151 282201 282251 282301 282351 282401 282551 282551 282601 282751 282801 282851 282901 282951	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGATTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTT TCAATTTTGT	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT THIGCCATAC ACATTTICCT TGCAAATATT GACTTTIGCT AGTGATGCCA ACATTCATAT CHIGIGCTIG ACTGGCTCTT GCAAGTTAGT TGCAAGTTAGT TGCAAGTTAGT TGCAAGTTAGT TGCAAGTTAGA TGTCAAGAAA TATCATAAAT GCTTTGTATT CCTGTTCTAA	TAGAAACTAC CCAGTAATGA TATTCTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATTGC CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATTT AAATATGTCA TTTTACCATTTT TTACAATTTT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATGAATAT TCATTACTTA AGGTAGCCA TCAGTAGCCA AAATCAGTGC ACTCTCTACC TTTTCCTTTA GGGTATTCTC TTATTTTAT TCAGAATGTC	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITI TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGGAGT TCCCCTCCTC AGTCAGGACTG AGTCAGTGCC TTCACCAGCT TTGTGGTTTCA AGGGAGTACA AGGGAGTACA
282101 282151 282201 282251 282301 282351 282401 282551 282501 282551 282601 282751 282801 282801 282901 282951 283001	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTTT TCAATTTTGT GTGGTATATA	AGTTCTATTT TATATTCCCA CAGCATTTCA ATTTGCCATTA TTTTGCCATAC ACATTTTCCT TGCAAATATT GACTTTTGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA TGTCAAGAAA TATCATAAAT GCTTTGTATT CCTGTTCTAA AGTAGTATAG	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTCTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATT AAATATGTCA TTTACAATTTT TTAATGGTGT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGATTT TCATGAATAT TCATGAATAT TCATGAATAT TCATGAATAT TCATGAGTT AAGAGGCATG TCAGTAGCCA AAATCAGTGC ACTCTCTACC TTTTCCTTTA GGGTATTCTT TCAGAATGTC TTAGAATTT TCAGAATGTC TTAGATTTAGAC TTAGATTTAGAC TTAGATTAGA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTITITT TGTCCGCTCA AGTCCTCTGA TITTIAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGGAGT TCCCCTCCTC AGTGAGACTG AGTCAGTGCC TTCACCAGTG TTGTGGGAGT TCCCCTCCTC AGTGAGACTG AGTCAGTGCC TTCACCAGCT TTGTGGTTTCA AGGGAGTACA CATACATTTC
282101 282151 282201 282251 282301 282351 282401 282451 282551 282601 282751 282801 282851 282851 282901 282951 283001 283051	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTT TCAATTTTGT GTGGTATATA AGAATCAGAT	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTIGCCATAC ACATTTTCCT TGCAAATATT GACTITTIGCT AGTGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA TGTCAAGAAA TATCATAAAT GCTTTGTATT CCTGTTCTAA AGTAGTATAG AGACTTAGCT	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTICTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATTT AAATATGTTCA TTTTAAATGTTG TACAATCTCAC TAGAGTATTT TTTAAATGGTG TACATCCCAC	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTGGTGAAA GGTTATACA CTGTAGATTT CATTACAATAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGTITICTCT GATACCTCAT GAACTTTTT TGTCCGCTCA AGTCCTCTGA TTTTAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGAGTC TGTTGGAGTC TGTTGGAGTC TGTTGGAGTC TTCTGCAGTG TTCCCCTCCTC AGTGAGACTG AGTCAGTGCC TTCACCAGCT TTGTGTTTCA AGGGAGTACA CATACATTTC TAGCTGTATG
282101 282151 282201 282251 282301 282351 282401 282451 282501 282651 282701 282751 282801 282851 282901 283051 283001 283051 283101	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG CTTTAACAGG GCCTTACATG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGTGAGATA TATAATATTT TCAATTTTGT GTGGTATATA AGAATCAGAT AACCTGGCAA	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTIGCCATAC ACATTTTCCT TGCAAATATT GACTITTIGCT AGTIGATGCCA ACATTCATAT CTTTGTGCTG ACTGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA TGTCAAGAAA TATCATAAAT GCTTTGTATT CCTGTTTCTAA AGTAGTATAGCT TATTGTCTTA	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTICTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATT AAATATGTCA TTTGCATTT TTTAAATGTG TACATCCCAC TATGTAAAAT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATAAAAT TCATGAATAT TCATGAATAT TCATTACATA AGTTAGAGTT AAGAGGCATG TCAGTAGCCA AAATCAGTGC ACTCTCTACC TTTTCCTTTA GGGTATTCTC TTATTTTAT TCAGAATTTAT TCAGAATTTAT TCAGAATTTAGC CTCAATTTAG TATGACAGTT	TCCAGAGTIGG TAGITTICTCT GATACCTCAT GAACTITITT TGTCCGCTCA AGTCCTCTGA TITTAATTC TTCAGTTCTT CTCATAGGGT AAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGAGTC TGTTGGAGTC TGTTGGAGTC TGTTGGAGTC TTCTGAAGTC TTCACCAGCT TTGTGTTTCA AGGGAGTTACA CATACATTTC TAGCTGTATG ATTATACATA
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282101 282151 282201 282251 282301 282351 282401 282451 282501 282651 282701 282751 282801 282851 282901 283051 283001 283151	ATTCATGTTT CATGTGACTT ACATCCCTGC TGTGATTTTA TATGTGCTTC TGACTTTTGC ATATGTGGTT TCTTAACAGG TTTAAAGAAA TGAAGTAAGA ATGTGCTTGA CAAGAATGTT ATGTATACAA ACTGGAGAGT GCAAAGAATT CATTGAGATA TATAATATTT TCAATTTTG GTGGTATATA AGAATCAGAT AACCTGGCAA ATGCAGTCAG	AGTICTATTT TATATTCCCA CAGCATTTCA ATTIGCATTT TTTIGCCATAC ACATTTTCCT TGCAAATATT GACTITTIGCT AGTIGATGCCA ACATTCATAT CTTTIGTGCTG ACTIGGCTCTT GCAAGTTAGT TGGAAATTGG GGGTAGTTAA TGTCAAGAAA TATCATAAAT GCTTTIGTCTA CCTGTTCTAA AGTAGTATAGCT TATTIGTCTTA CCCCCCAAAT	TAGAAACTAC CCAGTAATGA TATTICTAGTA CTCTAATGGT ATATTTICTTC TTGGATATGT TTCTCTCATT TGTGAGAAAC CATGCTACAG GAGACAGTAG ATTTGGATGT CCCAGTTTGC TTTTAAACAG CAATCACTAT ATATTTACCA TTGAGTATT TTAAATGTCA TTTGCATTT TTTAAATGTGT TACAATTTT TTTAATGTGT TACACTGCT TACAGGTTT TTAAATGTTCA TTTTAATGTGT TACACTGCT TACAGGTTT TTAAATGTTG TACATCCCAC TATGTAAAAT TTACAGGTTT	CAAACTATCT ATGAGAAATC GGTATGTAGT TAATGATGTT TTTTGGTGAAA GGTTATACA CTGTAGCTTG CTTATACAAT TCATGAATAT TCATGAATAT TCATTACATTA	TCCAGAGTIGG TAGITTICTCT GATACCTCAT GAACTITITT TGTCCGCTCA AGTCCTCTGA TITTIAATTIC TTCAGTTCTT CTCATAGGGT TAGCTGTGTT GGACCCAGTG TTCTGAAGTC TGTTGGAGTC TGTTGGAGTC TGTTGGAGTC TTCTGAAGTC TTCACCAGCT TTGTGTTTCA AGGGAGTACA CATACATTTC TAGCTGTATG ATTATACATA GATTCAACGA
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284101 TGITAAAACC AGAGGATT CTATCAGAAA ATGITAACCA GGGAGACTCT 284151 GTAAAGTIGG COCATTITIA TITICCTIGGT TATTIACTIAGA AGAGGAAACAC CTGATTAGTG CTGCAGACTC TGTGTTCTTA 284251 TITTAATTACTC AGACACTTTA GTAAACTTTA GAAAGTGTAA AGACCTTAAA TTAATTTTC 284301 AAAGCTGTAA AACTCCTTCA TTTCTGAGT GAAATTCAGT TTACTCCAGA 284351 TACCTAATAG CTGTCCAGGA ACAGCTATTA GAAAACTGGA AAACCATCAA 284401 GGAAAACCTA CTGAATGTGT TTTCTTGAGT GAAAACTGGA AAACCATCAA 284401 GGAAAACCTA CTGAAGTGTG TTTTCCTTTC GATCAGGAGT ACTCCTTC2 284451 AGTAAATGTC CTGTCTATC CCCCTTCTCC TATAGGAAGT TTTCTTTCTC 1284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACAGTT CTCTCTTTTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT TTTCTTTCTC CACTGTGTT TTTCTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT CTCTCTCTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT GTCAGGATTT GCTGCAAAAG 284601 TTCACCCATC CTTTTTAAAA TATTTTCAAA TATTTTCTGAT GCAGGATTT GCTGCAGAAAG AAGTACAAAG AAGTATCAAA AAGATTCAAA AAGTATCAAA AAGAATTCAA CTACAAAGAAAAATCAAAAAAAAAA	284001	ATGITATGIT	AAATTTGAGG	<b>AATGTAAGTA</b>	TAAATTTTTC	CCATATAAAC
284101 TGITAAAACC AGAGGATT CTATCAGAAA ATGITAACCA GGGAGACTCT 284151 GTAAAGTIGG COCATTITIA TITICCTIGGT TATTIACTIAGA AGAGGAAACAC CTGATTAGTG CTGCAGACTC TGTGTTCTTA 284251 TITTAATTACTC AGACACTTTA GTAAACTTTA GAAAGTGTAA AGACCTTAAA TTAATTTTC 284301 AAAGCTGTAA AACTCCTTCA TTTCTGAGT GAAATTCAGT TTACTCCAGA 284351 TACCTAATAG CTGTCCAGGA ACAGCTATTA GAAAACTGGA AAACCATCAA 284401 GGAAAACCTA CTGAATGTGT TTTCTTGAGT GAAAACTGGA AAACCATCAA 284401 GGAAAACCTA CTGAAGTGTG TTTTCCTTTC GATCAGGAGT ACTCCTTC2 284451 AGTAAATGTC CTGTCTATC CCCCTTCTCC TATAGGAAGT TTTCTTTCTC 1284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACAGTT CTCTCTTTTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT TTTCTTTCTC CACTGTGTT TTTCTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT CTCTCTCTC 284551 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT GTCAGGATTT GCTGCAAAAG 284601 TTCACCCATC CTTTTTAAAA TATTTTCAAA TATTTTCTGAT GCAGGATTT GCTGCAGAAAG AAGTACAAAG AAGTATCAAA AAGATTCAAA AAGTATCAAA AAGAATTCAA CTACAAAGAAAAATCAAAAAAAAAA	284051	ATCAGCAGGA	<b>AAATGTTGAA</b>	TTTAGAGACA	TATATTGCCT	GAGTTATGGG
284151 GTAAGTIGICC CCGATTITTA TITICCTIGGIT TATTIACITAG ATGAAGTIGA 284201 TATAACTIAAC AGGAAAACAC CTGATTAGTIG CTGCACACTC TIGGITCTTA 284251 TITIAATICTC ATACAACTTT GGAAGTTAAA AGACCITAAA TIAATITIGC 284301 AAAGCTGTAC AACTCCTTCA TITICTGAGTT GAAATICAGT TCTTACTGCAG 284431 TAGCTAATAG CTGTCCAGGA ACAGCTATAA AAAACTGGA AAAACTGCA 284401 GGAAAGCCTA CTGAAGTGIG TITICCTTTC GATCCAGTGT CTTCTTTTCT 284451 AGTAAATGTIC CTGCTCAGGA ACAGCTATTA GAAAACTGGA AAAACCATCAA 284401 GGAAAGCCTA CTGAAGTGIG TITICCCCC TATAGAAGAGT TITICTTTCC 284501 TICTTCAGAT CTGATTATAT GAGATACAAT TIATAAATTC TITITITTCT 284551 CATCTGACAG TAGCTTTTTT CTGATCACATC AGTTACCTTT CACTGTGTTT 284551 CATCTGACAG TAGCTTTTTTT CATACAATC AGTTACCTTT CACTGTGTTT 284551 TACACCAGCA CAGATTACAG AAGTTTCCTAC GAGATTCCTTT TCTACCAATC 284601 CAACCATATC CGAATCAAGA GAAAATTGG CTTTCTTTTT TTTTTTTTTT	284101	TGTTAAAACC	AAGAGGAATT	CTATCAGAAA	ATGITAACCA	CGGAGACTCT
284201 TATAACTAAC AGGAAAACAC CIGATTAGTIG CTIGCAGACTC TIGTITICTTA 284321 AAAGCTIGTAC AACTCCTTCA TITCTGAGTT AAA AGACCTTAAA TITAATTITTGC 284331 AAAGCTIGTAC AACTCCTTCA TITCTGAGTT GAAATTCAGT TCTAACTGCAG 284351 TACCTAATAG CIGTCCAGGA ACAGCTATTA GAAAACTGGA AAAGCATCAA 284401 GGAAAGCCTA CIGAAGTGTG TITTCCTTTC GATCAGTGT CTICTTTTCT 284451 AGTAAATGTC CIGTCTATCC CCCCTTCCCC TATAGGAAGT TTICTTCTCT 284521 TITCTTCAGAT GCTATTATAT GAGATACAAT TITAAAATTC TITCTTTCTCTC 284521 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT TITTAAATTC TITTTTTTCT2 284521 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACATT TATAAATTC TITTTTTTTCT2 284521 CATCTGACAG TAGCTTTTTT CTATACAATC AGTTACCTTT CACTGTGTT 284621 AATTAACGAA AAGTATCAGA AAGTATCAAC AGATTGCTA GTAGGAATTT CTACTCTTG 284701 CTTCCTCAT GGAATCAAGT GGAAAATTGG GCTTTCTTAT TTTACTCTTTG 284701 CACGGATATC CTGACACCCT CATGGAAGAA AATCATAGTAT TATATTTATAT 284851 TACAGAGGAA AACGAATTAA TGAGGAACAA AATCATAAGT AGATTGTTAC 284891 CAAGCATATC CTGACAGCCT CATGGAAGAA AATCATAAGT AGATGGTTAC 284991 AGTTGTTCTA GGTAAAAGTA TAAGGATATT CACAGCACAA CAAATTTACC TACTAGGAACAA 285001 TICTGGCCAT CCTTTTTCAT AGGTTGACCAC CCTCTCAATG TTAAGGTCAC 28501 TIGTGGTCTG GGTGGAGTT AGTTGCACC CCTCCACATG TTAAGGTCAC 285251 GGTGTTTCT CTTTTTTTTTTTTTTTTTTTTTTTTTTT	284151	GTAAGTGTGC	CCGATTITIA	TITICINGIT	TATTTACTAG	ATGAAGTGGA
284251 TITAATICIC ATACAACHTI GAAGITAAA AGACCITAAA TAATITIGC 284351 TAGCTAATAG CIGICCAGA ACACCTATA GAAATICAGT TITACTGCAG 284401 GGAAAGCCTA CIGAAGIGI TITICITAGTI GAAATICAGT TITACTGCAG 284401 GGAAAGCCTA CIGAAGIGI TITICCTCCC TATAGAAGTI CITICITICI 284501 TICITCAGAT CIGICTACCAGT CICCCC TATAGAAGTI CITICITICI 284501 TICITCACAG TAGCTITITI CITICCCC CATAGAAGTI CITICITICI 284501 TICITCACAC TAGCTITITI CITACACAT AGTIACCTIT CACTGIGITI 284501 TICACCACCC CITITITAAAA TAITICIGAT GICAGGATTI CITICACAGAG 284601 ATIAAGGA AAGTATCAG AAGTITICAT GAGCTITICIT TITATICITIC 284701 CITICITCAT GAAATCAAGT GAAAATAGA GAGTITICAT CITICAGTAAG 284601 CITICITCAT GAAATCAAGT GAAAATTAGA CATGACCCT CATGAGACCA AGAATGICTA CITICAGTAAG 284701 CITICITCAG GAAATCAAGT GAAAATTAG GACCTITICIT TITATITATA 284751 TICACCAGATA CACACCCT CATGAAGCA ATGAATCTIT TAATITATAT 284751 TAGCAGAGGA AACGAATTAA TAGAGAGGAA AATCAATAAGT AGAAGGAAAA 284801 CAAGCAATAT CIGACACCCT CATGAGACCA ATGAATCTIT TAATITATAT 284951 AGTIGTICAG GAATTAAATT TAAAAATTAG TACTAAGTAAGT AGATGGTTAG 284901 GCATICTAGA GAATTATATT TAAAAATTAG TACTAAGTACA AGAAGTAGATACAA 285001 TICTGGCCCC CITITITCAT AGGTTIGACC CAAATTACTT TICAGTAGTAC 285001 TICTGGCCCC CITIGGGAGC AGACGAAAACAA AATCAATAAGT AGATGGTTAG 285101 TIGGGTCTGG GGIGGAGTG TAGGGCACAA GACCCCAACCCCC 285201 ACTTCACCC CICIGGGAGG TAGGGAGTG TAGGGAGGTA TATAGATCACA 285311 ACACACGCC CACTGCCCCC CICIGCACC TIGAGCACAA GCCCCACGCC ACCACCCCC 285201 ACTTCACACC CACTGCCCC CICIGGCACG TIGAGACAAAATAA GGTCACACCCCA 285251 GCTAATTTTT GGTTTAGGT TAGGGCACAA GCCCACGCCC ACCACCCCC 285201 ACTTCACAC CACTGCCCC CICIGGCACG TIGAGCACAAG CACACCCCA 285251 CACAATTCACA GAATTACAC GAAACAAAATAT CAAAACAATAT GAAAACAAAAC						
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284351 TAGCTAATAG CIGTACAGGA ACAGCTATTA GAAAACTIGA AMASCATCAA 284401 AGAAAGCCTA CIGAAGTGIG TITICCTITIC GATCCAGTGT CITICITICT 284451 AGTAAATGIC CIGTCTATCC CCCCTTCCCC TATAGGAAGT TITICITICT 284551 CATCIGACAG CATATTATAT GAGATIACAAT TIATAAATIC TITITITICT 284501 TITCTICAGAT GCTATTATAT GAGATIACAAT TIATAAATIC TITITITICT 284501 TICACCCATC CITITTAAAA TATTICIGAT GAGATIACAAT CACITIGITI 284601 TICACCCATC CITITTAAAA TATTICIGAT GAGATIACAGAG 284651 AATTAAGGAA AAGTATCAGA AAGTTICCTA GAGATITICTA CACIGTIGITI 284701 CITCLICTCAT GGAATCAAGA AAGTTITCACA AGATTITICTA GAGATATTAT 284751 TCACIGAGTA ACTACTCACA AGAATTITCA CACCATATTA TITATATTATAT 284751 TCACIGAGTA ACTACTCACA AGAATTITCA CITCAGTAAG GTAGTTCAT 284951 AAGCATATC CIGCACACCCT CATGGAAGCA ATCACTAAGT AGATCTTAC 284901 GCATTCTCAGA AACGAATTAA TGAGGAAGAA AATCATAAGT AGATCGTTAG 284901 GCATTCTCAGA GAATTATATT TAAAAATTAAC TACTAAGT AGATCGTTAG 284901 TICTGGCAT CCTTTTTCAT AGGTTGACCA CCCCCCAAATG 284901 TICTGGCAT CCTTTTTCAT AGGTTGCACC CACCACACCA	204271	AAACCTCTAC	AACTICCTICA	COMMOI IAMA	CAAATTCACT	TOTACTOCAG
284401. GGAAAGCCTA CTGAAGTGTG TTTTCCTTTC GATCCAGTGT CTTCTTTTC 28451. AGTAAATGTC CTGTCTATCC CCCCTTCCCC TATAGGAAGT TTTCTTCTC 28451. TTCTTCAGAT GCTATTATAT GAGATACAAT TATAAATTC TTTTTTTTC 28451. TTCATCCAATC GCTATTATAT GAGATACAAT TATAAATTC TTTTTTTTC 28451. TTCACCCAATC CTTTTTAAAA TATTTCGAT GCAGATTTT GCTGCAAAAC 284651. AATTAACGAA AAGTATCAAG AAGTTTCCAA GAGATGTCTA GTGCAGAATT 284701. CTCCTCTCTCA GAATCAAGT GGAAACTTGG GCTTCTTAT TTTATTTCAT 284701. TCACCGAGTA ACTACTCACA GAAATGTCTA GAGCTTTCTTAT TTTATTTCAT 284701. TCACCGAGTA ACTACTCACA GAAATGTCTA CTTCAGTAAG GTAGTTGAAC 284801. CAAGCATATC CTGACAGCCT CATGGAAGCAA ATCATAAGT GGATGTTGAC 284891. GCATTCTAGA GAATTATATT TAAAATTAC TTCAGTAAG GTAGTTGAC 284991. GCATTCTAGA GAATTATATT TAAAATTAC TACTGAGTCA CTTCTTCAGTACAG 284991. TCTGGCACC CTTTTTCAT AGGTGACACA AATCATAAGT AGATTCATC 284991. TGTGGTTTCCT TTTTTTTTTAT AGGTGACACT CAAATTACTT TCAGGTTAGC 285001. TTCTGGCCAT CCTTTTTCAT AGGTGACACT CAAATTACTT TCAGGTTAGC 285101. TGTGGTTCCT TTTTTTTTTAT AGGTGACACT CAAAATTACTT TCAGGTTAGC 28511. ACCACAGGCA ACATTGCCAC CTCTGCCACC TGGAGGCAG CATTCCCCC 285201. ACTTCAGCCT CCTGGGTAGC TAGGACCACA GGCCAGAGG TAAGTGCACC 285201. ACTTCAGCCT CCTGGGTAGC TAGGACCACA GGCCACACCCC 285201. ACTTCAGCCT CCTGGGTAGC TAGGACCAC GCACCCCCACCCC 285201. TGTTACCCC GGTGGTCTG AACTCCCAC TGGAGCAAG CCATCCTCCC 285201. TGTTACCCC GGTGGTCTG AACTCCACC TGGAGCAAG CCATCCTCCC 285201. TGTTACCCC GGTGGTCTG AACTCCACC TGGAGCAAG CCATCCTCCC 285201. TGTTACACC GAGAGTGAA TAATCTGAAA TACATAGAGT CCTGGACCCCAC 285201. TGTTACACC GAGAGTGAA TAATCTGAAA TACATAGAGT CCTGGACCCCAC 285201. ACTTCAGAAT TAGGACCAC CCACCCCCACCCCACCCC	204301	AAAGCIGIAC	ACICCITCA	ACACCTATTA	GAVATICAGI	AAACCATCAA
284451 AGTAAATISIC CIGICTATEC CCCCTTICCCC TATAGGAAGT TITTICTICT 284551 CATCIGGAG GATACATT TATAT GAGATICACAT TIATAAATIC TITTITTICT 284551 CATCIGGAGA TACCTITTT CATACAATC AGTTACCTT CACTIGISTT 284561 CATCIGGAGA AGATATCAGA AGATTICATA GTTACCTT CACTIGISTT 284661 ATTACCAAA AGATATCACAA AGATTICATA GAGCTTICTT TCTACCCATIC 284751 CATCICTAT GGAATCAAGT GGAAAATIGG GCTTICTAT TITTATTICAT 284751 TCACIGAGTA ACTACCACA AGAATTICACA AGAATTICATA CTCCAGAAGA GTAGTTCATA 284751 TCACIGAGTA ACTACCACA AGAATTICATA CTGCAGAACA TACATCACA AGAATTICATA CTGCAGAGCA ACGACTACTA CTGCAGACCA TAGACTATAT TAATATTATA 284851 TAGAGAGGAA AACGAATTAA TGAGGAAGCA ATGAACTTA TAATATTATA 284851 TAGAGAGGAA AACGAATTAAT TGAGGAAGCA ATCATAAGT AGATGGTTAG 284991 AGTIGTTCTA GATAGAAGTA TAGAGGAACA ATCATAAGT AGATGGTTAG 284991 AGTIGTTCTA GATAGAAGTA TAGAGGTAC CACTCAAATTACT TCAGGTTAGA 285001 TICTGGCCAC CTTTTTTCAT AGGTTGCACC CACCAACACCA 285001 TICTGGCCAC CTTTTTTCAT AGGTTGCCAC CTCCAAATTACTT TCAGGTTAGT 285101 TGTGGTCTGG GGTGGAGTGT AGTGCCACA GGCTGAGGTG TAGTGCGCAC 285201 ACTCTCACCC CCTGGGTAGC TAGGACTACA GGCACACACAC ACCACACCCC 285201 ACTTCACCCC CCTGGGTAGC TAGGACTACA GGCACACACAC ACCACACCCC 285201 ACTTCACCCC CCTGGGTAGC TAGGACTACA GGCACACACAC ACCACACCCC 285201 ACTTCACCTC CCTGGGTAGC TAGACTCACA GGCACACACAC ACCACACCCC 285201 ACTTCACCTC CCTGGGTAGC TAGACTCACA GGCACACACCC ACCACACCCC 285201 ACCTTCACCTC CCTGGGTAGC TAACTTCACAC TAGGACTACA GGCACACACCC CACCACACCCC 285201 ACCTTCACCTC CCTGGGTAGC TAACTTCACAC TAGGACTACA GGCACACACCC CCACACACCCC CCCCCCCCC CCGGTTGCTC CCTGGGTAGC TAACTTCACAC TAGGACTACA ACCACACACCC CCCACTCCCC CCAGTTGTGT AAATTACACAG TGTGAGCCAC ACACCCCCACC CCACTCCCC CCAGTTGTGT AAATTACACA TAGACACATA TACATACAA ATCATACAA ATCATACAA TACATACA	284351	IAGCIAAIAG	CIGICCAGGA	ACAGCIATIA	GAAAACIGGA	AWGCATCA
284501 TICTICAGAT GCTATTATAT GAGATACAAT TATAAATIC TITTITTICT 284551 CATCIGACAG TAGCTTTTT CITACACATC AGTIACCTT CACTGIGTT1284601 TICACCCATC CITTITIAAAA TATTICTGAT GTCAGGATTT GCTGCAAAAG 284651 AATTAACGAA AAGTATCAAG AAGATTICTA GAGCTTTCTT TITCACCCATC 284701 TCACCCATC GGAATCAAGT GGAAAATTGG GCTTTCTTAT TITTATTCAT 284751 TCACTGGTA ACTACCTCACA AGAATGTCTA CTTCAGTAAG GTAGTTGAAC 284801 CAAGCATATC CTGACAGCCT CATGCAAGCA ATGATCTTT TATTATTATAT 284851 TAGACAGGAA AAGAAATTAATT TAGACATGACA CTTCTGCACCT CAAATTAATT TAGAATTACC TACTGAGTCA CTTCTGCACCT CTTGACAGCT CTTTTTCAT AGGTTGACAC CAAAATTACTT TCAGGTTAGT 285001 TICTGGCCCAT CCTTTTTCAT AGGTTGCACC CTCTCACAGT TTAGGTTCAC 285101 TGTGTGCTGG GGTGGAGTGT AGTGCCACA GGCTGGAGTG TAGTGCGCACA 285251 ACTCACACGGC ACATTCCCC CTCTGGGTAGC TAGGACTACA GGCTGGAGTG TAGTGCGCACA 285251 ACTCACACCG GGTGGAGTG TAGGACTACA GGCTGAGAGT TAGTGCCAC 285251 CAAAGTTCTT GGTTTAGTTT GTTTTGTTTTTTTTTTT	284401	GGAAAGCCTA	CTGAAGTGTG	macmic	GATCCAGIGI	CHCHIIC
284551 CATCIGACAG TASCTTTTT CTATACAATC AGTTACCTTT CACTGIGTTT 284601 TITCACCCATC CITITITAAAA TATTICIGAT GTGAGATTI GCTGCAAAAG 284651 AATTAAGGAA AAGTATCAAG AAGTTTCCAT GAGCTTTCTT TCTACTCACA 284701 CTTCCTCAT GGAATCAAGT GGAAAATTGG GCTTTCTTAT TITTATTCAT 284751 TACACGAGATA ACTACTCACA AGAATGTTCA CTTCAGTAAG GTAGTTGAAC 284801 CAACCATATC CTGACAGCCT CATGGAAGCA ATGAATCTTT TAATTTATAT 284851 TAGAGAGGAA AAGGAATTAA TGAGGAAGAA AATCATAAGT AGATGGTTAG 284901 GCATTCTAGA GAATTATATT TAAAATTACC TACTAAGGAC CTTCTTGCATTAG GAATTATATT TAAAATTACC TACTAAGGAC CTTCTTGCATTAG GAATTATATT TAAAATTACC TACTAAGGAC CTTCTTGCATTAG CTTCTTGCATTAG GAATTATATT TAAAATTACC TACTAAGGAC CTTCTTGCATTAG CTTCTTGCATTAG GAATTATATT TAAAATTACC TACTAAGGAC CTTCTTGCATCAG CTTCTTTCATTATT TAAAATTACC TACTAAGGAC ACTCTCCCCAC 285011 TIGTGTCTGG GGTGGAGTGT AGTGCACAC GCCTCAAATTACT TAAGTTCCCAC CTTCTGCACAC CTTCTTCCCAC CTTCTGCACCAC CTCTGCACCACAGCCA AGACTTCCCCC CTGGAGTGCT TAGGACACACGCA AGACTCCCCC CTGGAGTGC TAGGACTACA GGCCACAGCCA ACCACACCCA 285201 ACTCCCCC CTGGAGTGCC TAGGACTACA GGCCACAGCCA ACCACACCCA 285201 ACTCCTCCC CTGGAGTGAC TAGGACTACA GGCCACAGCCA ACCACACCCA 285201 ACTCCTCTCC CTGGAGTGCT TAGGACTACA GGCCACAGCCA ACCACACCCA 285201 ACTCCTTCTCCAC ACCTCTGCCTC CTGGAGTGCT TAGGACACACGCA ACCACACCCA 285201 ACTCCTTCTCCAC ACCTCTGCCTC CCGGAGTGCT TAGGACACACGCA ACCACACCCA 285201 ACACTCTCCC CCGGAGTGAC TACTCCTTCTCCAC ACCTCTGCCTC CCGGACTGAC CCACGTCAGC CCAGTTCCTCCC CCAGTTGTGT ACTCCAC TTGTATACAC CACAAGTGAA TACTCTGAAAATAAAT ACCATATACAA ATGAAATTAAA TACAAGAAT TACATTGCAC CACGAAGTGAA TACTTGTATAC CTGAAAACAAT TACAATACAA	284451	AGTAAATGTC	CTGTCTATCC	CCCCTTCCCC	TATAGGAAGT	THEHCICI
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284951 AGTIGITICIA GGTAAAAGTG ATAGGGTATIC CCCTCAAATTG TTAAGTICACA 285001 TICTIGGCCAT CCTITITICAT AGGTTICACT CAATTIACTT TCAGGTTAGT 285511 TIGIGITICCT TITTITITIT TITTITITIT TITGIGACACAC GGTCTAAGTC 285101 TIGICGTCTGG GGTGGAGTGT AGTGGCACAA GGCTGGAGTG TAGTGGCGC A285151 ACTACACAGGC ACATTGCCAC CTCTGCCACC TIGAGGCACAG CCATCCTCCC 285201 ACTTCAGCCT CCTGGGTAGC TAGGACTACA GGCACACGCC ACCACACCCA 285251 GCTAATTTTT GGTTAGGTT TGTTTTGTTTT GGTTAACACGGC ACCACACCCA 285251 GCTAATTTTT GGTTAGGTT TGTTTTGTTTT GGTAGAAATG AGTTTCGCAC 285351 CAAAGTGCTG AAATTACAGG TIGTGAGCCAC CCACGCCTAGC CCAGTTCCC 285351 CAAAGTGCTG AAATTACAGG TIGTGAGCCAC CACGCCTAGC CCAGTTTGCACAC CAGAAGTGAA TAATTCTGAAA ATGAAATTAA AGAAACAGT TICATCAGA TAATTCTGAAA ATGAAATTAA AGAAACAGT TAAAATAAAT GGAAAACATA CAAAACATTT CAGAAACAGA AAATTACAGAAAAT CAAAACATTT CAGAAACAAA TACATTGAAA ATGAAACAGA CAAAACAGAGAAA 285551 TAAAGAAAAAT CAAAACATTA TIGTTAAGATT TAGGCACTAAA TTACAGTGACA TTTTTTTGCG AAGTTGAAAACAAA ATGAAATAAAT GGAAAGAAAA TACATTGAAAA ATGAAACACAG CTGAAGGACA TACCTGTTGAAACTAA TACATGAGAAAA TACATTGAAAACAAA CACAAG CTGAAAGAAA TACATTAGAAACTAA CAAAACAATAA CAAAACACAG CTGAAGGACA TACCTGTTGAAACTAA TACAGTGAAA TACATTAGAAACTAA CAAAACACAG CTGAAAGCACA GGGCCCCAAA TAGCCCAAAAC AAACACAG CTGAAGGACA TACCCAAAAC AAACACAG CTGAAAGCACA GGGCCCCAAA TAGCCCAAAAC AAACACAG CTGAAAGCACA GGGCCCCAAA TAGCCCAAAAC AGAACACAG CTGAAGGACT TTCACTTTTTTTTTT	284851	IAGAGAGGAA	AACGAATTAA	IGAGGAAGAA	AATCATAAGT	AGATGGTTAG
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285051 TGTGTTTCCT TITTTTTTTT TTTTTTTTTT TGTGACACAC GGTCTAGCTC 285101 TGTCGTCTGG GGTGAGTGT AGTGGCACA GGCTGAGTG TAGTGGCGCA 285151 ATCACACGGC ACATTGCCAC CTCTGCCACC TGGACGCAG CCATCCTCCC 285201 ACTTCAGCCT CCTGGGTAGC TAGGACTACA GGCACACGCC ACCACACCCA 285251 GCTAATTTTT GGTTTAGTTT GTTTTGTTTT GGTAGAAATG AGTTTCGCCA 285301 TGTTACCCAG GGTGGTCTCG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTGCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CCAGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGT 285451 GCATTTACAC TGTCATCCAG AAGAATAGAA TACATAGCAG TAAATTTACC 285501 CAAGGTGAGA TACTTGTATA CTGAAACTAA CAAAACATTT CAGAAAGAAA 285501 TAAAGAAAAT CTAAAATAAAT GGAAAGATAT CCTGTGTTCA TAGAATTAACAG 285501 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGTGAT CAGAAGAAA 285601 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGTGAT CTATGGGTTC 285701 GCCAATTCTC AAACCCAATA TGCAGAACTAA CCAAAGTGAT CTATGGGTTC 285701 ACCATTCAAA AAGAACACAG CTGAAAGCAC TTTTTTTGCGG AAGTGAGAAC 285701 GCCAATTCTC AAACCCAATA TGCAAACACA TTTCACTTTGCAAA ATGACCAAAC 285701 ACCATTCACAA AGTTACCAATA TTCAAAATAGA TTTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAGA TTTCACTTTTGC AAACTCAAAC 285901 CATGAATACA TGGATTTATG AATTTACAAT TAGACCCAATA GCATTAACAAC 285901 CATGAATACA TGGATTATTG AATTTAATCGA ATTTCACAAA AGTTACACAA 286001 CTGGATTTTC ACATCCAAAT TAGACTCATG GAATTAATAGAT TAGACCCATA TGCATTAACAAC 286001 CTGGATTTTC ACATCCAAAA ATTGAATCGT TAGACGACT TTCACTAAG 286001 CTGGATTTTC ACATCCAAAA ATTGAATCGT TAGACGACCA TTAACCACAA GATTACCACA 286001 TAAAAAGTT AACTCCAAAAT TAGACTCAAAA ACCCCACAC CTTATGCCAA 286001 CTGGATTTTC ACATCCAAAA TAGATTCTTC AATTTAATACAAA AAATTCAAAA TAGATTCTTT AAGAGTTTTTG GAACTCAAAA ACCCCAAAGAA AGGAACACACT 286001 TAAAAATTCTT AAGAGCACTT ATAAACCATA AACCCCATAGA AGGAACACACT 286001 TAAAAATTCTT AAGAGCACTT ATAAACCACAA AACCACAACAA ATTTTTTGTTTAAAAAGTT AACTTAAAAATTAA AAAATTAAAATTAA AAAATTAAAAATT TAGACCCAAA AGCACAAAGAA TTAATTTAACAAATAAAAATTAAAAATTAAAAATTAAAAAA						
285101 TGTCGTCTGG GGTGGAGTGT AGTGGCACAA GGCTGGAGTG TAGTGGCGCA 285151 ATCACAGGGC ACATTGCCAC CTCTGCCACC TIGAGGCAAG CCATCCTCCC 285251 ACTTCAGCCT CCTGGGTAGC TAGGACTACA GGCACAGGCC ACCACCACCA 285251 GCTAATTTTT GGTTTAGTTT GTTTTGTTTT GGTAGAAATG AGTTTCGCAC 285301 TGTTACCCAG GGTGGTCTG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTGCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CCAGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAATCCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TGTCATCAG AAGAATAGAA TACATAGCAG TAAATTTACC 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGCATT CAGAAGAAA 285501 AGTGCAGTTC CTATCCAAAT TTCAGTGACA CCAAAGCATT CAGAAGAAAA 285601 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGCATT CTATGGGTTC 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTGCGG AAGTGGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTTGC AATTTCAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285801 CATGAATACA TGGATTTATG GAATTGAAG TTTAATCGA ATATTCACAA AGTTTCACTA 286001 CTGGATTTTC ACATCAAAA ATTGAAGAT TAAGAGTCTG GAACTAAG 286001 CTGGATTTTC ACATCAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286001 TAAAAAATTCT AGAGCAAAT AGATTCATG GCATCAAGAAA ACCCCAAGGA AGGAACACAT 286001 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCCAAGGA AGGAACACAT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCATA ACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCCATA AACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCCATA AACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCCATA AACCCCAAGGA AGGAACACACT 28601 TTAATGGAAC CTCTTGGCTT ATAAACCCATA AACCCCATAA GCCCCAAGGA AGGAACACACT 286601 TTTTGGTAA AACTAATTAACA CAATTTAACA CAATTTAACA CAATTTAACA CAATTTAACA CAATATTAACA CAATATTAACA CAATATTAACA CAATATTAACA CAATATTAACA CAATATTAACA CAATATT	285001	. TTCTGGCCAT	CCTTTTCAT	AGGTTGCACT	CAAATTACTT	TCAGGTTAGT
285151 ATTCACOGC ACATTICCAC CTCTGCCACC TIGACGCAGC CCATCCTCCC 285201 ACTTCACCCT CCTGGGTAGC TAGACTACA GGCACAGCCA ACCACACCA 285251 GCTAATTTTT GGTTTAGTTT GTTTTGTTTT GGTAGAATG AGTTTCGCA 285351 TGTACCCAG GGTGGTCTG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTCCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CCAGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TGTCATCCAG AAGAATAGAA ATGAAATTAA GAAAACAGTT CAAGGGGAG TACTTGTATA CTGAAAACAA ATGAAACAGA TAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAATTTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAACAATT CAAAACATTT CACAAAGAAAA 285561 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGCATT CAGAAAGAAA 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTGGGGT CTATCGGGTTC AAACCCCATAT GGAATGCAAG GGGCCCCAAA TAGCCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AAATTCACAA AGTTACCAAT TTCAAAATAG TGGGCCCCAAA TAGCCCAAAAC 285591 CATGAATACA TGGGATTTATG GAATTCACAA AGTTACCAAT GGAATTCACAA AGTTACCAAT TAGAACACTT TAGAGAGTT GAACCCATAG CATTAAAACT GAATTCACAA AGTTACCAAAA ATTGAACAT TAGAGTTCTC AAATTCACAA AGTTACCAAAA ATTGAACTCTACAA AGTTCACAAA ATTGAAGTTC GAATTCACAA AGTTCACAAA ATTGAACTTCACAAA ATTGAACTTA ACCCCATAG GAATCATAAA ATTGAACCATG CATTAAAACTT AACTCCAAAAT AACTCCAAAAT ATGAATTCTTC AAATTCACAAA AGGAACACAAT AACTCCAAAT AACTCCAAAT AACTCCAAAT AACTCCAAAT AACTCCAAAA ATTGAACCATG CATTAAAACCATA AACCCCATGAC CTTAAATATA AAAATCCAAAT TAGAGCCATG CATTAAAACAAT AACTCCAAAAT AACTCCAAAA AGCACCAAAGAG AACCAAAGAG TACCAAAAGAT AACTTCAAAAA TTGAACCATG AACCAAAAAAAAT TAGACCCATG ATTATAAACCATA AACCAAAAAAAT TAGACCAAAAAAAAT AACAAAAT TAGACCCATG CAACCAAAAAAAAAA	285051	TGTGTTTCCT	ппппп	$\mathbf{m}\mathbf{m}$	TGTGAGACAC	GGTCTAGCTC
285151 ATTCACOGC ACATTICCAC CTCTGCCACC TIGACGCAGC CCATCCTCCC 285201 ACTTCACCCT CCTGGGTAGC TAGACTACA GGCACAGCCA ACCACACCA 285251 GCTAATTTTT GGTTTAGTTT GTTTTGTTTT GGTAGAATG AGTTTCGCA 285351 TGTACCCAG GGTGGTCTG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTCCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CCAGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TGTCATCCAG AAGAATAGAA ATGAAATTAA GAAAACAGTT CAAGGGGAG TACTTGTATA CTGAAAACAA ATGAAACAGA TAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAATTTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAATAGAA TACATAGCAG TAAAATTTACCCAG AAGAACAATT CAAAACATTT CACAAAGAAAA 285561 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGCATT CAGAAAGAAA 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTGGGGT CTATCGGGTTC AAACCCCATAT GGAATGCAAG GGGCCCCAAA TAGCCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AAATTCACAA AGTTACCAAT TTCAAAATAG TGGGCCCCAAA TAGCCCAAAAC 285591 CATGAATACA TGGGATTTATG GAATTCACAA AGTTACCAAT GGAATTCACAA AGTTACCAAT TAGAACACTT TAGAGAGTT GAACCCATAG CATTAAAACT GAATTCACAA AGTTACCAAAA ATTGAACAT TAGAGTTCTC AAATTCACAA AGTTACCAAAA ATTGAACTCTACAA AGTTCACAAA ATTGAAGTTC GAATTCACAA AGTTCACAAA ATTGAACTTCACAAA ATTGAACTTA ACCCCATAG GAATCATAAA ATTGAACCATG CATTAAAACTT AACTCCAAAAT AACTCCAAAAT ATGAATTCTTC AAATTCACAAA AGGAACACAAT AACTCCAAAT AACTCCAAAT AACTCCAAAT AACTCCAAAT AACTCCAAAA ATTGAACCATG CATTAAAACCATA AACCCCATGAC CTTAAATATA AAAATCCAAAT TAGAGCCATG CATTAAAACAAT AACTCCAAAAT AACTCCAAAA AGCACCAAAGAG AACCAAAGAG TACCAAAAGAT AACTTCAAAAA TTGAACCATG AACCAAAAAAAAT TAGACCCATG ATTATAAACCATA AACCAAAAAAAT TAGACCAAAAAAAAT AACAAAAT TAGACCCATG CAACCAAAAAAAAAA	285101	TGTCGTCTGG	GGTGGAGTGT	<b>AGTGGCACAA</b>	GGCTGGAGTG	TAGTGGCGCA
285201 ACTITCAGCCT CCTGGGTAGC TAGGACTACA GGCACAGGCC ACCACACCCA 285251 GCTAATTTTT GGTTTAGTTT GTTTTGTTTT GGTTAGAAATG AGTTTCGCCA 285301 TIGTTACCCAG GGTGGTCTCG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTGCTG AAATTACAGG TIGTAGCCAC CACGCCTAGC CCAGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAGTCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TIGTATCCAG AAGAATAGAA TACATAGCAG TAAATTTACAC 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285551 TTAAGAAAAT CTAAAATAAAT GGAAAGATAT CCTGTGTTCA TCGAAACATT CAGAAAGAAA 285551 AGTGCAGTTC CTAATCCAAAT TAGGCACCTAA CCAAAGTGAT CTGATGAAA 285601 GCCAATTCTC AAACCCATAT GGAATGCAAG GGCCCCAAA TAGGCAATGCAAA 285651 AGTGCAGTTC CAAACCATAT GGAATGCAAG GGCCCCAAA TAGGCAAAACAGTT CAAACCATAT GGAATGCAAG GGCCCCAAA TAGGCAAAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGGAACACAG CTGAAGGACT TTCACTTTTGC AATTTCAAAA 285801 CATGAATACA TAGGATTATG GAATTACACA GGCCCCCAAA CACCATATAG GGAATTAGAAT TAGAGTCTACTA GCATAAGAAT CAGAATCAATA TAGAATTCACAA AGGATCATAG GAATTCACAA GGATTACATA TAGACCAATG AATTTAATGCT GAACTAAATC 285951 ACCATTCATT GGGAAATAA TAGATTCTTC AAATTCACAAA GGATACATAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AAATTCACAAA GGATACATAG 28601 CTGAATTTTC ACATACAAAA ATTGAAGTTG GACCCATAC CTTATAGCACAAAC 28601 TAAAAACTTT AACTCCAAAT GGATTAGGG CCTAAAATTC ATTGAGTTT ACCACCAATG GATCATGG CATCATAGAA ATTGAGCACAACA AGGACACACAT AAACCATAAACACATT AACCACTAAATC ATGGAGAATT AACCACAAAA AGGACACAGAA AGGACACACAT AAGAACACAT AAGAACACAT AAGAACACAT AAGAACACAT AACCACAAAA AGGACACAAAA ATTGAGAGAACACAT AACCACAAAAA ATTGAGCACAAAA ATTGAGCACAAATTA ACAACTTAAAAC CTCTTAGAATA TAGACCAATG CATCAAAAAA ATTGAGCACAAAAAAAAAA						
285251 GCTAATTITT GGTTAGTTT GTTTIGTTTT GGTAGAAATG AGTTTCGCCA 285301 TIGTTACCCAG GGTGGTCTCG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTGCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CAGGTTGTGT 285401 TTCTGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TGTCATCCAG AAGAATAGAA TACATAGCAG TAAATTTACC 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 GACTTAATAT TGTTAAGATG TAGACCCATA CCGAAAGTGAT CTTATGGGTTC 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTTGCG AAGTGAAGA 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCCAAAAC 285751 AATATTGAAA AAGAACCACAG CTGAAGGACT TTCACTTTCC AAATTCACAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTTAC GCATAAGAAT 285801 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285901 CTGGATTTC ACATCCAAAT ATGAATTCTT AAATTACATA 286001 CTGGATTTTC ACATCCAAAT ATGAATTCTT AAATTACATA 286001 TAAAAATTCT ACATCCAAAA ATTGAAGTTG GCCCCCTACC TTATACCATA 286001 TAAAAATTCT ACATCCAAAA ATTGAAGTTG GCCCCCTACC TTATACCATA 286001 TAAAAATTCT AGAGGAAATC ATGAGGTGGG CCTAAAATAAA ACAGTTGCCA 286301 TGATTTGGAC CTCTTGGCTT ATAAACCATA AACCCCAGACC ATCATTGGATT 286201 TTAATGCACC CTCTTGGCTT ATAAACCCATA TACCCAGACC ATCATTGGCAC 286301 TGATTTGGAT AGTAATATGA GACCCAAATTT TTATTTTTTTTTT						
285301 TGTTACCCAG GGTGGTCTCG AACTCCTGGA CTCAAGTGAT CCTGGCCTCC 285351 CAAAGTGCTG AAATTACAGG TGTGAGCCAC CACGCCTAGC CCAGTTGTGT 285451 GCATTTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TGTCATCCAG AAGAATAGAA TACATAGCAG TAAAATTTACC 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAACATTT CAGAAAGAAA 285501 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGTGAT CTATGGGTTC 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTTGCGA AAGTGAGAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285801 CATGAATACA TGGATTTATG AATTAAACATT TAAGAGTCTG GAACTAAAGA 285901 CATGAATACA TGGGTTTATG AATTAACAATA TAGACTCACA GGATACCAAA 286001 CTGGATTTTC ACATCAAAA ATTGAAGTTG GACCCACAC GGATACCAAA 286001 TTAATAAAGTT AACTCCAAAT ATGAGTTGG CCTAAATATA ACAGTTGCCA 286101 TAAAAATTCTT AGAGCAATA TAGACTCTG GACCCACAC TTATACCATA 286051 TATAAAAAGTT AACTCCAAAT ATGAGTTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGCAATC ATGGGTAGG GATCTAAAGA AGCACACAGG AAGGAACACAT 286251 AACTATTATA AAAATCAATA TAGACCCATG GACCCCAAAACACAC 286301 TGATTGGAT AGTAACACATA TAGACCCATG TAAAGAAG AGGAACACAT 286201 TTAATAGAAC CTCTTGGCTT ATAAACCATA AACCCCAAGAG AAGAACACAT 286201 TTAATAGAAT CATTTTAGA CAATACAAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCCAAGAG AGGAACACAT 286301 TGATTTGGAT AGTAACTATA ACACTCA ATGTGGGTTAT GGATAGAAGG TACCAAAGG 28631 TAATACAAGT ATGTACATTAA ACACTTA AACCCCATG TAAGAAGT ATTTTTTTTTT	285251	GCTAATTITT	COTTACTT	GILLETT	GGTAGAAATG	AGTITICGCCA
285351 CAAAGTICCTG AAATTACAGG TIGTGAGCCAC CACGCCTAGC CCAGTITGTGT 285401 TITCITGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TIGTCATCCAG AAGAATAGAA TACATAGCAG TAAAATTACC 285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACAGTT CAGAAAGAAA 285551 TTAAGAAAAT CTAAATAAAT GGAAAGATAT CCTGTGTTCA TIGGATTGAAA 285561 AGTICCAGTTC CTATCCAAAT TAGGCCACTAA CCAAAGTGAT CTATGGGTTC 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TIGTGCTACTA GCATAAGAAT 285801 CATGAATACA TIGGATTATG GAATTACAGA TTTCACTTTGC AATTTCAAAA 285801 CATGAATACA TIGGATTATG GAATTACAGAA TAAGCACTAG GAACCAAAC 285901 CATGAATACA TIGGATTATG GAATTAAAAAT TAAGAGTCTG GAACCAAAC 285901 CATGAATACA TIGGATTATG GAATTAATACGA ATATCCACAA GATACCAAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGAGG GATCCTAAAG ACTTTAGGAC 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCCTAAAG ACTTTAGACCATA 286051 TATAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCCTTAAG ACTTTTGGAT 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCCTTAAG ACTTTTGGAT 286251 AACTATTATA AACATCAAAT TAGACCCAAA AGCACCAGACA AGGAACACAT 286301 TGATTTGGAT AGTAATATAGA GACCCAAATTT TTATTTTGTTG ACAACCAAA 286301 TGATTTGGAT AGTAACCATA AGCCCCATG TAAGAACACT ATATAGCCAC 286351 TATATACAGT AGTAACCATC ATGGGTTAT GGATAGAAGG TACCAAAGGA 286401 CTTTCCAAAG CTAACCATCA ATGTGGTTAT GGATAGAAGG TACCAAAGTC 286551 TATATACAGT AACTAACCTT ATAAACCCAT ATATAGAGAC TATATAGCCAC 286551 TATATACAGT AACTAACCTT ATAAACCCAT ATGTAGAAGT TACCACAAGGA AGGAACACAT 286601 TTTTTGTTCTC CAGCTTGTT TTCCTGGCAT GCAACTACAAAA GCCCAAAGTA AACCCCAAAGTA AACCCAAAGTA TATATAGCCAC 286551 TATATACAGT AACTAACCTT ATAATACCATA AACCCAAAATA GCCATTCTT CAGCCACTA ATATTATAGG ACTATTTAGA CAATTATATAGA CAATTATATAGA ACTAACCTTA ATGTTTTTTTTTT	205251	TETTACCCAC	COCCUCACIO	AACTICTICGA	CTCAACTGAT	CORRECTION
285401 TITCTGTACAC CAGAAGTGAA TAATCTGAAA ATGAAATTAA GAAAACAGTT 285451 GCATTTACAC TIGTCATCAG AAGAATAGAA TACATAGCAG TAAATTTACC 285501 CAAGGTGAGA TACTTGATAA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285501 TAAAGAAAAT CTAAATAAAT GGAAAACTAA CCAAAACATTT CAGAAAGAAA 285601 GACTTAATAT TIGTTAAGATG TAGGCACTAA CCGAAAGTGAT CTATGGGTTC 285651 AGTIGCAGTTC CTATCCAAAT TICAGTGACA TITTTTIGCGG AAGTGAGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TICACTTTIGC AAATTCAAAA 285801 CTTACTACAA AGTTACCATA TICAAAATAG TIGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAAAC 285901 CATGAATACA TIGGATTTATG AATTTAATCGA ATTTCACAAA GGATACCATA TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAAATC 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC AACTACAAAA ATTGAAGTTG GACCCATAC GCTAAATATA ACAGTTCCCAA 286051 TATAAAAGTT AACACCAAAA ATTGAAGTTG GACCCATACA ACCCCACAC TATAACAAAA ATTGAAGTTG GACCCATAC ACCCCTACC TTATACCATA 286151 TIGGCCATGGG TTCTTAGATA TAGACCCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTIGGCTT ATAAAACATT TAGACCCATA AACCCAGACC ACTATGGATTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGACAAG ACTTTGGATT ACAACCATA AACCACAAAA TTTTTTTGGAT AGTAATATGA CACCAAAATT TATTTTTTTGGAT AGTAATATGA CACCAAAATT TATTTTTTTGGAT AGTAATATGA CACCAAAATT TATTTTTTTTTT	203301	CAAACTICCTC	AAATTACACC	TOTOLOGA	CACCCCTACC	CCACTIGICI
285451 GCATTTACAC TIGICATICCAG AAGAATAGAA TACATAGCAG TAAATTTACC 285501 CAAGGTGAGA TACTTIGTATA CTGAAAACTA CAAAACATTT CAGAAAGAAA 285551 TITAAGAAAAT CTAAAATAAAT GGAAAGATAT CCTIGIGTTCA TIGGATTGAAA 285601 GACTTAATAT TIGITAAGATG TAGGCACTAA CCAAAGTGAT CTATGGGTTC 285651 AGTIGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTTGGGG AAGTGAGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTCC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TIGIGCTACTA GCATAAGAAT 285851 AGCATTATAT TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TIGAATTTATA CAATTAATCGA ATATCACACA GGAACTACAT 285901 ACCATTCATT GGGGAAATAA TAGATTCTC AATTAATCCACA GGAACTACATA 286001 CTGGATTTTC ACATTACAAAA ATTGAAGTTC GACCCCTACC TTATACCATA 286001 TAAAAAGTT ACATCCAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT ACATCCAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TAAAAATTCTT AGAGGAAATAC ATGGGGTAGG GATCTTAAAG ACTTTAGGAT 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TIGGCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAT AGTAATATGA GACCACATG TAAGACCACA ACCACAGGA AGGAACACAT 286251 AACTATTATA AAAATCAAAT TAGACCCCATG TAAGCAGAC ACTATTGTCAA 286351 TAATACAGT AGTAATATGA GACCAAATTT TTTATTTGTTG ACAATTAACC 286351 TATATACAGT AGTAATATGA GACCAAATTT TTTATTTGTTG ACAATTAACC 286351 TATATACAGT AGTAATATAGA CAATTAGGA ACTAACCATA AACCCAGAC ACTATGTCAA 286401 CTTTCCAAAG CTAACCATCA ATGTGGTTAT GAAGACACA TTAAGACAGA TTTTTTTTTT						
285501 CAAGGTGAGA TACTTGTATA CTGAAAACTA CAAAACATT CAGAAAGAAA 285551 TTAAGAAAAT CTAAATAAAT GGAAAGATAT CCTGTGTTCA TGGATTGAAA 285601 ACTTAAATAT TGTTAAGATG TAGGCACTAA CCAAAGTGAT CTATGGGTTC 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTTGGGG AAGTGAAGA 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TGGATTATG AATTAATCACA AGATTACACA AGATTACACA AGATTACACA AGATTACACA AGATTACACA AATTGAAGTT CAATACCACA CATACTACA CAATACCAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286001 TAAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTAGGATT 286101 TAAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286101 TAAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AGCCACAGAC ACTATGTGCA 286301 TGATTTGGAT AGAAATCAAAT TAGACCCAAA AGCCACAGAC ACTATGTCAAA 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTAAATATGA GACCCAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCAAGAG TATATAGCCAC 286301 TGATTTGGAT AGTAAATATGA CAATATTAGA CAATATGAGG TAACCAAAA TTTTTTTTTT	283401	. IICIGIACAC	CAGAAGIGAA	IAAICIGAAA	AIGWAITA	TAAATTTACC
285551 TTAAGAAAAT CTAAATAAAT GGAAAGATAT CCTGTGTTCA TGGATTGAAA 285601 GACTTAATAT TGTTAAGATG TAGGCACTAA CCAAAGTGAT CTATGGGTTC 285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTTGCGG AAGTGAGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAAATATA ACAGTTGCCA 286101 TAAAAATTCTT AGGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGAT 286201 TTAAGGGAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGGCA 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGAAC ATGTGGAT ATATAGCCAC 286301 TGATTTGGAT AGTAAACCTG TAGAGTCTGC ATCTAAGAAG TTTTTGTCAA 286651 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTTTTTAACCCAC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTTTTTAACCCAC 286351 TATATACAGT ACTAATCTAA ATTTTAGA CAATTAAGAG TACCAAAGT ATTTTTTTTTT	285451	. GCATTTACAC	TGTCATCCAG	AAGAATAGAA	TACATAGCAG	IAMATTIACC
285601 GACTTAATAT TIGITAAGATIG TAGGCACTAA CCAAAGTIGAT CTATGGGTTC 285651 AGTIGCAGTTC CTATCCAAAT TITCAGTGACA TITTITIGGGG AAGTGAGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TITCACTACTA GCATAAGAAT 285801 CTTACTACAA AGTTACCATA TITCAAAATAG TIGTGCTACTA GCATAAGAAT 285801 CATGAATACA TIGGATTTATIG GAATTAGAAT TAGAGGTCTIG GAACTAAAGC 285901 CATGAATACA TIGGATTTATIG AATTAATGAAT TAGAGGTCTIG GAACTAAAGC 285901 CATGAATACA TIGGATTTATIG AATTAATGAAT TAGAGGTCTIG GAACTAAAGC 285901 CCAGATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTIG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAAATAA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAGA ACTTTGGAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286201 TAGATTGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286301 TGATTTGGAT AGTAACATCA ATGTCGTTAT TAGACAGAAC TATATAGCCAC 286301 TGATTTGGAT AGTAACATCA ATGTCGTTAT TAGACAACA TAGAGAATA GCCAAAGAA TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286501 GGATACTAAA TTGGTCATTAT TCCAACAACA TAGAGAATA GCCAAAGTC 286501 TTAGGTTCAT TTGTGCATGTT TTCCTGCCAT TAAGAAATA GCCAATTCTTC 286501 GGATACTAAA TTGGTCATGTT TTCCTGGCAT GAACTCCTA AAAATCATTAA 286601 TTTTGTCTTC CAGCTCTGTT TTCCTGCCAT TAAGAAATA GCCATTCTTC 286651 AATTTCCAAA GTAGTATCTT TTTCCTGCCAT GAACTCCTA AAAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCCTGCCAT GAACTCCTA AAAATCCTTAG 286601 TTTTGTCTC CAGCTCTGTT TTCCTGGCAT GAACATCCATA AAAATCATTAA 286601 TTTTGTCTCC CAGCACACTC CAGGGAGGG AGACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGG AGACAAGGCA TGATTATAGG ACTGGGACTT 286801 TGATCACTGA TGACCAATC ATGTGGTTTTT GCTGCGGTTAT GTGATCCTTT 286801 TGATCACTGA TGACCAATC ATGTGTTTTT GTTGCTGCTTT GTGATTCTTT 286801 TGATCACTGA TGACCAATC ATGTGGATTAT GTGATCCTTT GTGACCTTA AAATTTATAG	285501	. Caaggtgaga	TACTIGIATA	CTGAAAACTA	CAAAACATTI	CAGAAAGAAA
285651 AGTGCAGTTC CTATCCAAAT TTCAGTGACA TTTTTTGCGG AAGTGAGAAG 285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285801 CATGAATACA TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TGGATTTATG AATTAATGCA ATATCCACAA GGATACTAAG 285901 ACCATTCATT GGGGAAATAA TAGATTCTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAT TAGACCCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TAGTTGTTA ACAATTAACCGT 286351 TATATAACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286451 TTTTCCAAAAG CTAACCATCA ATGTGCTTAT GGATAGAAGG TACCAAAAGTC 286301 TGATTTGGAT ACTAACCATCA ATGTGCTTAT GGATAGAAGG TACCAAAAGTC 286451 TTTTCCAAAAG CTAACCATCA ATGTGCTTAT GGATAGAAGG TACCAAAAGTC 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286501 TGTAGTTCAT TGTGCATGTT TTCCTGCCTT ATAATATAGT AAAATCATTA 286601 TTTTGCTTC CAGCTCTGTT TTCCTGCCTT ATAATATAGT AAAATCATTA 286601 TTTTGTCTC CAGCTCTGTT TTCCTGCCTT ATAATATAGT AAAATCATTA 286601 TTTTGTCTC CAGCTCTGTT TTCCTGCCAT GCAACTCCTA AAATCCTTAG 286751 CAGGGTGGGG TCACAGGGA GAACAAGGCA TGATTATAGG ACTGTTCTTC 286751 CAGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGTGGGCTT 286761 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGTTGTTC 286801 TGATCACTGA TGACCAATGA TTTTCTCCTCT TTTTCTTCTTTTTTTTTT	285551	. TTAAGAAAAT	CTAAATAAAT	<b>GGAAAGATAT</b>	CCTGTGTTCA	TGGATTGAAA
285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCAATG GAATTAATAGAAT TAAGAGTCTG GAACTAAAGC 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTACAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286401 CTTTCCAAGA CATAACCATG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAGA CATATTTAGA CAATAGAGGT GTTAGGAATA GCCATATATA 286601 TTTTTGGTTAAA CATATTTAGA CAATAGAGGT GTTAGGAATA GCCAAAGTC 286551 TGTAGTTCAT TGTGCATGTT ATCCACACACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATCCACACACA TTAAGAAATA GCCATTCTTC 286501 GGATACTAAA TTGGTTCTTA TCCCACAACA TTAAGAAATA GCCATTCTTC 286501 CAGGGTGGGG TCACAAGGAG GAACAAGGC GCAACTCCTA AAATTATAG 286601 TTTTGGTTCAA GTAGTAGTTT TTTCTTGTGCTT ATAAACAATA GCCATTCTTC 286501 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGAATA TAGTCTTTT TTTCTTATGTTTATGGGACTAT TGGACCACTC CAGACAACTC TGATTATAGG ACTGGGACTT TTTCTTATGTTTTT TTTCTTATGGT TGATTATTTTTTTTTT	285601	. Gacttaatat	TGTTAAGATG	TAGGCACTAA	CCAAAGTGAT	CTATGGGTTC
285701 GCCAATTCTC AAACCCATAT GGAATGCAAG GGGCCCCAAA TAGCCAAAAC 285751 AATATTGAAA AAGAACACAG CTGAAGGACT TTCACTTTGC AATTTCAAAA 285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCAATG GAATTAATAGAAT TAAGAGTCTG GAACTAAAGC 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTACAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286401 CTTTCCAAGA CATAACCATG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAGA CATATTTAGA CAATAGAGGT GTTAGGAATA GCCATATATA 286601 TTTTTGGTTAAA CATATTTAGA CAATAGAGGT GTTAGGAATA GCCAAAGTC 286551 TGTAGTTCAT TGTGCATGTT ATCCACACACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATCCACACACA TTAAGAAATA GCCATTCTTC 286501 GGATACTAAA TTGGTTCTTA TCCCACAACA TTAAGAAATA GCCATTCTTC 286501 CAGGGTGGGG TCACAAGGAG GAACAAGGC GCAACTCCTA AAATTATAG 286601 TTTTGGTTCAA GTAGTAGTTT TTTCTTGTGCTT ATAAACAATA GCCATTCTTC 286501 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAAGAATA TAGTCTTTT TTTCTTATGTTTATGGGACTAT TGGACCACTC CAGACAACTC TGATTATAGG ACTGGGACTT TTTCTTATGTTTTT TTTCTTATGGT TGATTATTTTTTTTTT	285651	AGTGCAGTTC	CTATCCAAAT	TTCAGTGACA	TTTTTGCGG	AAGTGAGAAG
285751 AATATIGAAA AAGAACACAG CIGAAGGACT TICACITIGC AATITICAAAA 285801 CITACTACAA AGITACCATA TICAAAATAG TIGTGCTACTA GCATAAGAAT 285851 AGACTATATIG TAGACCAATIG GAATTAGAAT TAAGAGTCTIG GAACTAAATIC 285901 CATGAATACA TIGGATTTATIG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTIG GACCCCTACC TITATACCATA 286051 TATAAAAGTT ACATCCAAAA ATTGAAGTTIG GACCCCTACC TITATACCATA 286051 TAAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCCTTAAAG ACTTTGGATT 286151 TIGGCCATGGG TICCTTAGATA TICAACCAAA AGCACAAGGA AGGAACACAT 286201 TIAATIGGAC CTCTTIGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286301 TIGATTTGGAT AGTAATATGA GACCAAATTT TITATTIGTTIG ACAATTAACC 286351 TATATACAGT AACTAACCTIG TAGAGTCTGC ATCTAAGAAG TITTIGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAG TACCAAAGTC 286451 TITTAGTGTAA CATATTTAGA CAATAGAGGT GTTAAGAAGT TACCAAAGTC 286501 GGATACTAAA TITGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TITTIGTCTTC CAGCTCTGTT TTCCTGCCAT GCAACTACTA AAATTATAC 286601 TTTTTGCTTC CAGCTCTGTT TTCCTGCCAT GCAACTCCTA AAATTATTA 286601 TTTTTGCTTC CAGCTCTGTT TTCCTGCCAT GCAACTCCTA AAATTATTA 286601 TTTTTGCTTC CAGCTCTGTT TTCCTGCCAT GCAACTCCTA AAATTATATA 286601 TTTTTGCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATTATATA 286601 TTTTTGCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATTATATA 286601 TTTTGCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATTATATA 286601 TTTTGCTTC CAGCTCTGTT TTCCTGGCAT TTTTTTTTTT	285701	GCCAATTCTC	AAACCCATAT	<b>GGAATGCAAG</b>	GGGCCCCAAA	TAGCCAAAAC
285801 CTTACTACAA AGTTACCATA TTCAAAATAG TGTGCTACTA GCATAAGAAT 285851 AGACTATATG TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAAGTT AACTCCAAAA GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGAATC ATGGGGTAGG GATCTTAAAG ACTTTGGAT 286201 TTAATGGAC CTCTTGGCTT ATAAACCAAA AGACCAAGGA AGGAACACAT 286201 TTAATGGAC CTCTTGGCTT ATAAACCAATA AACCCAGACC ACTATGTCAA 286251 AACTATATATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAAGAAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTCC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATTCTTC 286651 AATTTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATTCTTAG 286651 AATTTCCAAA GTAGTATCTT TTCCTTGCAT GAGGGGGGTC ATGGGGACTT AAGATTAAG ACTGGGGACTT 286701 CAGGGTGGGG TCACCAAACTC CAGGGAGGGG AGAGGGGGTC ATGGGAACCC TGATTTTAGG						
285851 AGACTATATG TAGACCAATG GAATTAGAAT TAAGAGTCTG GAACTAAATC 285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286301 TGATTTGGAT AGAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286301 TGATTTGGAT AGAATCAAAT TAGACCCATG TAAGCAGACC ATATAACCAC 286301 TGATTTGGAT AGTAAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAAGAAGT TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 CAAGGGGGGGG TCACAGAACA TTAATATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGTA AAGATTATCTT 286801 TGATCACTGA TGACCAATGA TTTAGTCATCT TGTTATCTTTT GTGATATCTT TGAACCCAC TGATTATTAG AGAGGTTAT GTGAGCCACT 286801 TGATCACTGA TGACCAATGA TTTAGTCATCT TGTTATCCTTTT GTGATATCTT TGAACCCAC AGCAGGGGTC ATGGGAACCC TGATTTATAG	285801	CTTACTACAA	AGTTACCATA	TTCAAAATAG	TGTGCTACTA	<b>GCATAAGAAT</b>
285901 CATGAATACA TGGATTTATG AATTAATCGA ATATCCACAA GGATACTAAG 285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGACTA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 CAGGGGGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CCACAACTC CAGGGAGGGG AGAGGGGGCTA AAGATTGGT 286801 TGATCACTGA TGACCCATCA ATTTTAGG ACTGGGACTT TTCCTGGCATTAT GTGATCCTTT GTGATATCTT TTCAGAACTTA GTGAGCCACT TGATTATAGG ACTGGGACCTT 286901 CTAGAAAATAA CTTGGTAAATT AAGTGGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATAA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	285851	AGACTATATG	TAGACCAATG	CAATTAGAAT	TAAGAGTCTG	GAACTAAATC
285951 ACCATTCATT GGGGAAATAA TAGATTCTTC AATTAATGCT GCTGGGACAA 286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286251 TATATACAGT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAGG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTCC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTTATCCTTT GTGATATCTT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTTATCCTTT GTGATATCTT TGTGATATCTT TTTCTAGACCCA TGATTATAGG ACTGGGACCACT 286901 CTAGAAAATTA ATTGGACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	285001	CATICANTACA	TOCATTTATC	AATTAATCGA	ATATICCACAA	GGATACTAAG
286001 CTGGATTTTC ACATACAAAA ATTGAAGTTG GACCCCTACC TTATACCATA 286051 TATAAAAGTT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCGACC ACTATGTCAA 286251 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTCC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCT GATGAGTTGA CTAGTGGCTT 286701 GAGTCCATC CCACAACTC CAGGGAGGGG AGAGGGGGCTA AAGATTGGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTTATCTTT GTGATATCTT AAGATTATA CTGGGAACCC TGATTATAGG ACTGGGACCACT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTTATCCTTT GTGATATCTT TGTGATATCTT TGTGATATCTT TGTGATATCTT GTGATATCTT AAGGGGGGTC ATGGGAACCC TGATTTATAG	203301	ACCATTCATT	CCCCAAATAA	TAGATTCTTC	AATTAATICT	CCTCCCACAA
286051 TATAAAAGIT AACTCCAAAT GGATCAGTGG CCTAAATATA ACAGTTGCCA 286101 TAAAATICIT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286551 TGTAGGTCAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTCC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTTGCTGCAT GCAACTCCTA AAATCCTTAG 286651 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGCTAT GTGACCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	203333	CTCCATTTTC	ACATACAAAA	ATTEMACTIC	CACCCCTACC	TTATACCATA
286101 TAAAATTCTT AGAGGAAATC ATGGGGTAGG GATCTTAAAG ACTTTGGATT 286151 TIGGCCATGGG TTCTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTCTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACC ACTATGTCAA 286301 TIGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTIG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TIGTAGTTCAT TIGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTCCAA GTAGTATCTT TTTCTATGCT GATGATTTGA CAAGTCGGACTT 286751 GAAGTCCAAA GTAGTATCTT TTTCTATGCT GATGATTTGA CTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TIGATCACTGA TIGACCAATGA TTTAGTCATC TTGTATCCTTT GTGATATCTT 286851 TAATAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TIGATTTATAG	200001	. CIGGALLIC	MATACARA	CCATCACTC	CTAAATATA	ACACTTCCCA
286151 TIGGCCATGGG TTICTTAGATA TGACACCAAA AGCACAAGGA AGGAACACAT 286201 TTAATGGAAC CTICTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACT ATATAGCCAC 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGATTTGA CTAGTGGCCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG						
286201 TTAATGGAAC CICTTGGCTT ATAAACCATA AACCCAGACC ACTATGTCAA 286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACT ATATAGCCAC 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGAAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGATTTGA CTAGTGGCCTT 286701 CAGGGGGGGG TCACAGGAGA GAACAAGGCA TGATTATAG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	<b>500101</b>	. IAMATICIT	AGAGGAAAIC	AIGGGIAGG	GATCHAAAG	ACTIONAL
286251 AACTATTATA AAAATCAAAT TAGACCCATG TAAGCAGACT ATATAGCCAC 286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTGGGGCTT 286701 CAGGGTGGGG TCACAGAGAG GAACAAGGCA TGATTATAGG ACTGGGCTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG						
286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGAGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286201	. TTAATGGAAC	CTCTTGGCTT	ATAAACCATA	AACCCAGACC	ACTATGTCAA
286301 TGATTTGGAT AGTAATATGA GACCAAATTT TTATTTGTTG ACAATTAACC 286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGAGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286251	AACTATTATA	AAAATCAAAT	TAGACCCATG	TAAGCAGACT	ATATAGCCAC
286351 TATATACAGT AACTAACCTG TAGAGTCTGC ATCTAAGAAG TTTTGTCAAA 286401 CTTTCCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TTTAGTGTAA CATATTTAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TTGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGCTTC CAGCTCTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286301	. TGATTTGGAT	<b>AGTAATATGA</b>	GACCAAATTT	TTATTIGTIG	ACAATTAACC
286401 CITITOCAAAG CTAACCATCA ATGTCGTTAT GGATAGAAGG TACCAAAGTC 286451 TITAGTGTAA CATATITAGA CAATAGAGGT GTTAGGAATA GTCTCCAGAT 286501 GGATACTAAA TITGGTTCTTA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGGTCAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TITTGCTTC CAGCICTGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGGTACTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGAGAG GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TITTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286351	. TATATACAGT	AACTAACCTG	TAGAGTCTGC	<b>ATCTAAGAAG</b>	TTTTGTCAAA
286451 TITAGIGTAA CATATITIAGA CAATAGAGGT GITAGGAATA GICTCCAGAT 286501 GGATACTAAA TITGGITCITA TCCAACAACA TITAAGAAATA GCCATTCTTC 286551 TGTAGGITCAT TGIGCATGIT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TITTGTCTTC CAGCICTGIT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGGATCTT TITTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGAGTG GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGGTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TITTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286401	CTTTCCAAAC	CTAACCATCA	ATGTCGTTAT	GGATAGAAGG	TACCAAAGTC
286501 GGATACTAAA TIGGTICITA TCCAACAACA TTAAGAAATA GCCATTCTTC 286551 TGTAGTICAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCICIGIT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286451	TITACTICTAA	CATATTTAGA	CAATAGAGGT	GTTACCAATA	GICTCCACAT
286551 TGTAGTICAT TGTGCATGTT ATTCTCCTCT ATAATATAGT AAAATATATA 286601 TTTTGTCTTC CAGCICIGTT TTCCTGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTTCCAAA GTAGTATCTT TTTCTATGCT GATGAGTTGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286501	GGATACTAAA		TCCAACAACA	ΤΤΑΑΓΑΛΑΤΑ	CCATTCTTC
286601 TITTIGICTIC CAGCICIGIT TITCCIGGCAT GCAACTCCTA AAATCCTTAG 286651 AATTICCAAA GTAGTATCIT TITCTATGCT GATGAGTIGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TITTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	700001	TOTALITATE	THE STATE OF THE	ATTITION	ΔΤΔΤΔΤΔΤΑ	ΔΔΔΑΤΑΤΑΤΑ
286651 AATTICCAAA GTAGTATCTT TITCTATGCT GATGAGTIGA CTAGTGGCTT 286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TITAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	2000001	. IGIAGITICAL	CACCITATION	THEFT	CCAACTCCTA	AAATCCTTAC
286701 CAGGGTGGGG TCACAGGAGA GAACAAGGCA TGATTATAGG ACTGGGACTT 286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	200001	. IIIIGICTIC	CAGCICIGIT	TICLICALAI	GLACICLIA	AMICCI IAG
286751 GAAGTCCATC CCACAAACTC CAGGGAGGGG AGAGGGGCTA AAGATTGAGT 286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	28665]	. AATTICCAAA	GTAGTATCIT	THETATGET	GATGAGTIGA	CIAGIGGCIT
286801 TGATCACTGA TGACCAATGA TTTAGTCATC TGTATCCTTT GTGATATCTT 286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286701	. CAGGGTGGGG	TCACAGGAGA	GAACAAGGCA	IGATTATAGG	ACIGGACTT
286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286751	. GAAGTCCATC	CCACAAACTC	CAGGGAGGGG	AGAGGGGCTA	AAGATTGAGT
286851 TAATAATAAC CTGGTAAATT AAGTGTTTTT GCTGAGTTAT GTGAGCCACT 286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286801	. TGATCACTGA	TGACCAATGA	TITAGTCATC	TGTATCCTTT	GTGATATCTT
286901 CTAGAAATTA ATTGAACCCA AGCAGGGGTC ATGGGAACCC TGATTTATAG	286851	TAATAATAAC	CTGGTAAATT	AAGTGTTTT	GCTGAGTTAT	GTGAGCCACT
286951 CTCATCAGTC AGAAACATAG GTAAAACAAC CTGGGGCTTG TGGTTGTTGC	286901	CTAGAAATTA	ATTGAACCCA	AGCAGGGGTC	ATGGGAACCC	TGATTTATAG
	286951	CTCATCAGTC	AGAAACATAG	GTAAAACAAC	CTGGGGCTTG	TGGTTGTTGC

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287001	<b>ा</b> जाव्यक्राज	CAGTCTCCTG	GGGTCCTGAC	ACTGTCTCTA	GGTAGACAGT
287051	TTCAGAACTG	AATTGGAGGA	CACCTATCAG	GIGTATGITG	CAGAAATGAA
287101	TGATTACTTG	<b>GTAGTAGGGA</b>	GAAATCCCCCC	ATATATTTAG	GGTTATAAAG
287151	TCTTCIGTAT	<b>TGATTGCTGT</b>	<b>GGTATGAGAG</b>	CAGAGGGAAA	AAAATTTTTT
287201	TTTCAACTCA	TATCCTCCCA	<b>CTCCCCATAG</b>	CTGCTCTTGC	CTTTATCAGT
287251	<b>जाजजज</b>	<b>AAAGTCTGTA</b>	TAAGGATAGA	<b>AAAGGAGATT</b>	GAGGTGGCCC
287301	TATGAACTGC	<b>GTAGCCCTGG</b>	ATTCCATTCC	ATTGAGTTCA	GCCAACGGGA
287351	TGCATCAAGA	ATTTTTTT	ППППП	TTTTTGAGAT	AGGTTTCACT
287401	GTCACCCAGG	CTGGAGTGCA	GTGGTGCAAT	CATAGCTCGC	TGCAGCCTTA
287451	AATTICTIGG	CITAAGCGAT	CTTCCACCTC	AGCTTCCTGA	GTAGCTGGGA
		GTGCCCCTGC			
		GAGGTCAGGA			
		TAGTATTGGC			
287651	TTGAGGGTT	CACCCCACTT	CTTCAACAGC	TICAGCTITG	GGTTTTGATA
		CTCCCACTTA			
		CTAGACTTTG			
		ATATTCCCTA			
		ATTITCIATT			
		ATGATGTTTT			
		AATATATGTT			
		ATCTACTGCC			
		CATCATGACA			
		AATTTTGTGC			
		TTACTCTCTC			
		TGGGATATTT			
		TCCAGGGTCA			
		AGGCTGAATA			
		GTTGATGGAC			
		TACAATAAAC			
		CTTTCTTT			
		GITATATTTT			
		TTATAGAAAT			
		TTTCTACATC			
		TTTTCCTGTT			
		CTGTGAATAG			
		GTAGAACAGA			
		AGGATCTTTC			
		TTTACCAACA			
		CTAGTCTCCG			
		TIGITIGCAT			
			–		
		GTGAGAATAC TCAGGGGAGA			
		GAAAAGGCCT			
		AATCAGTATC			
		CAGTGAAGCA			
		CAAGCTGGAA			
		ATGATTGAAA			
					CACCTAAACT
					AGATTAATCT
		ATTAGCTTAC			
		AAGAGTAAAC			
		CAGGCGAAGA			
		TGTAATCCCA			
		CTAATCATAG			
		ATGTATTGAA			
		ACTIGITIES			
		ATAACAAAAA			
289901	CTATISTACAT	TATTITICC	TCATCCTTCC	TTCTTAGTT	TCCATTTCCT
					GTCTGTCCAT
		TITICITGIC			
		TACAACTCAG			
290101	TATTCACCCC	TCTACACAGA	TCACGCATCA	THEHOC	TTAACTGTTT
		GIGATITITG			
		GTATTTTTAG			
290251	ATAATAGGA	AAAGAAACAC	CGTAAGAACA	TACCAAAATT	CCACTGAAAG
		AATGTTGGCT			
		TGATTTTTA			
					TAGATAGATA
					TGCTTTCACC
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291151 CAACAACAAA AATCTATAA GITTAGACTT CITTIGATTA AAAGGGACAC 291251 TCCAACAAAA CAACTACAAA TATATTITTA AITTAAGTAA AAGAGGACAC 291251 TCCAACAAAA CAACTACAAA TATATTITTA AITTAAGTAA AAGAGGACAC 291251 TCCAACAAAA CAACTATTACA CIGCACCICT GAGCATAGCA CACATCCTTT 291301 CIGAGTICAG GIGGGTACAA TITAGCTIGAT GIAAAAATGA ACCATTAGTG 291351 AAGACGACAAAA ACATTTIGTA CICCAACTTAC AGACACACACACACACACACACACACACACACACACA						
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291351 TECAACAMAA CHATATICA CTGCACCTCT GASCATAGCA CACATICCTTI 291301 CIGAGITICAG GIGGGTACAA TITAGCTIGCTA GTAAAAATGA ACCATITAGTI 291351 AAGTCAGTGA ATATITAAATG TIGGGGACTTAC AAGGCTAGGA ATGACAAATA 291401 ATGGGAAAAA ACATITITGTA CICTAATITTI AAAAAGAACT ATTTAGGAGA 291451 CACCIGTAGC TIGGGGTACAT CICTAATITTI AAAAAGAACT ATTTAGGAGA 291451 CACCIGTAGC TIGGGGTACAT CICTAATITTI AAAAAGAACT ATTTAGGAGA 291501 GAGGGTTIGGT ACTGICTAAA GITAAACCAT TICAGTGATG CCTAGCATGG 291551 AACACCTTGAC AACCACCTT CCAGGTAGGA ATGGAGACGT CCTTGCCAGC 291551 AACACTTGAC AACCACCTT CCAGGTAGGA ATGGAGACGT CCTTGCCAGC 291651 ACTTATTGCT TAATTGACAT TAAAACTAGA TAGACTATTT TITGGAGAAT 291651 ACTTATTGCT TAATTGACAT TAAAACTAGA TAGACTATTT TITGGAGAAT 291651 AAAAATAATC TAATTAGACAA TAGACAACCTT CAGGTAGCT CCTTCCCAGC 291751 AGTTTAGTCC TAATTGACAT TAAAAATCAA TAGAAAATCT TAGATATCC CAGTTAATTT 291801 GGCAAAATTAT TITATGAGAGT TAAAAATCAAT CAGTTAATTC CAGTTAATTC TITTAGATT 291801 GGCAAAATTAT TIGGTAATTAG CATACAATAG CTTACATGAA TAACTATTTT TIGGTAATTC TATTAGATTC 291951 TITACATAGAT ATAAGTATTC TIGGCAATTAG CTTACATGAA TAAAATTATTC 291951 TITACATAGAT ATAAGATATTC TIGGCAATTAG CTTACATGAA ATAAATTATTC 292001 ATAATTATCAA ATACATTTTC TIGGCAATTAG CTTACATGAAA ATAAATTATTC 292101 AAAATAAAAC TITTAGAACC TICAGGGGTTC 292101 AAAATAAAAA AAAAATTATC TIGGCAATTAT TIAACCAC GAGCAAAAGGTC ACTGGGGTTC 292251 GTTTGAATTAGA ATACATTTAT TAAAATAATAATTC TIGGCAATTAGACAC CACACACACAC 292251 GTTTGAATTAG CACAGGTCA CTTATATGTGA TAGCCAC CACAGAAGGTC 292251 GTTTGAATTAG CACAGGTCA CTTATATGTGA TAGCCAC CACAGAAGATAA 292351 ACAAAAATAA AAAAAATTAT TITTGGACAT TITTATACAA AAAAAATATA GAAAAAAAAAAAAAAAAAAA						
291351 AAGTCAGTGA ATATTAAATG TIGGACTTAC AAGGCTAGGA ATGACAAATA 291451 CAGCTIGTAGC TIGGGTAGCT TITICTTITITA CAGGCATTTG CTCCATTITT 291501 GAGGGTTAGC TIGGGTAGCT TITICTTITITA GAGGCATTTG CTCCATTIGT 291551 AACACTIGAC AACCAACCTT CCAGGTAGGA ATGACAACA 291451 CAGCTIGTAGC TIGGGTAGCT TITICTCTIGTTA GAGGCATTTG CTCCATCATTG 291551 AACACTIGAC AACCAACCTT CCAGGTAGGA ATGAGACGT CCTAGCATGS 291551 AACACTIGAC AACCAACCTT CCAGGTAGGA AATGAGACGT CCTAGCATGS 291651 ACACTIGAC AACCAACCTT CCAGGTAGGA AATGAGACGT CCTTGCCAGC 291601 AAGTCCATAT AATACTACAA TITITATAGCA TAGACACTTT TITICAGGAGT 291651 ACACTTATTGCT TAATTGACAT TAAACCTA TAGACACTATTT TITICAGGAGT 291751 AGATTATAGTC TATTTAGCAT TAAACCTA ATGAGAATCTTAG TAGACTATTT TITICAGGAGT 291751 AGAATAGTAG TATTTAGTTT GGGATAAGA AGTAATGTAT CAGTTATTTT 291801 GGCAAATTAT TITATGAGAG TATGTGGAAA AGTAATGTAT CAGTTATTTT 291901 GAAATAGTAG AAATTATAGG TAATCACACT GGGCTTACT TITICCTTTAG 291951 TTACATAGAT ATAACTATTAT TITTAGGAGT TAGACTACACT GGGCTTACT TITICCTTTAGG 291951 TTACATAGAT ATAACTATTAT TITTAGGAGT TAGACTACACACACACCACCACCACCACCACCACCACCACCAC						
291351 AGGICAGTGA ATATTANATIG TIGGACTIAC ANGCCIAGGA ATGACAAATA 291401 ATGGGAAAAA ACATITTGTA CICTAATTIT AAAAGAACT ATTTAGGAGA 291451 CAGCIGTAGC TIGGGTAGCT TICTCTIGTA GAGGACTTIG CICCATTGTI 291501 GAGGGTIGGT ACTGTCTAAA GTTAAACCAT TICAGTGATG 291551 ACACATIGAC AACCAACCT CCAGGTAGGA ATGACAGTG CCTGCCAGC 291601 AAGTCCATAT AATACTACAA TITTTATGAC TAGACATT TITGCAGAAGT 291651 ACTTATTGCT TAATTGACAT TAAAACTATA TAGACATTT TITGCAGAAGT 291651 ACTTATTGCT TAATTGACAT TAAAACTATA TAGACTATCT CICCTTCTCAGC 291701 AAAAATAAAT TITATGACAT TAAAACTACAA ATGACAATCT TAGTATCC CAGTCTACTCC 291751 AGTTTAGTCC TATTTAGTTT GGGATAAGAA AGTAATGTAC CAGTCTATTT 291801 GCCAAATTAT TITATGACAT TAAAACTATAG TAGGCATATC CTGTCTACTC 291751 AGTTTAGTCC TATTTAGTTT GGGATAAGAA AGTAATGTAC CAGTCAATTTT 291801 GCCAAATTATT TITGATATTAG TAATTCACTGA CTTACATGAA ATAAAATTCTT 291801 GCCAAATTATT TITACATGAGT ATAAGTATTC TITGCCAATTAGCAGT TITGCTCAGCAATTAGT ATAAGTATTC TITGCCACTTT GGGCTTACATCAA ATAAAATTCTT 292001 ATAATATCAA ATAACATTTT TITGCAGCAATT TITGTCACTGAC ACCAAAGGGTC CACATGATTT 292010 AAAATACTACCT TITTAACCAG TCAAGGAAC GTGTGCGACA ATAAATTCAACC 292101 AAAATACTACCT TITTAATGCCC TCAGTTGCTT TACTGTCAGCAAC ATAAGTACAC 292201 GCAATTAACAT TITTAACCAG TCAAGGAAC GTGTGCGACA ATAAATTAACAC 292201 GCAATTAACAT TITTAACCAG TCAAGGAAC GTGTGCGACA ATAAATTAACAC 292201 GCAATTAACAT TITTAACCAG TCAAGGAAC GTGTGCGACA ATAAATTAACAC 292201 CAATTAACAT TITTAACCAG TCAAGGAACAC GTGTGCGACA ATAAATTAACAC 292201 CAATTAACAT TITTATACCAC TCAAGTATAT CACAGACACACACAC 292201 TTGCAAAAAT TITTTGACCAT TTTTTACACACT TCACTTTATT AAAATACACT TACCCTTTTTTC AACACCACACAC 292201 TTGCAAAAAAT TITTTGACATA TTTTTTACC ATTTTTTTTTTTTTTTTTTT						
291401 ATGGGAAAAA ACATTITIGTA CICIAATITI AAAAGAACT ATTIAGGAA 291451 CAGCIGTAGC TIGGGGTAGCT TICTCTIGTA GAGGCATTIG CICCATTGT 291501 GAGGGTTIGGT ACTGTCTAAA GTTAAACCAT TICAGTGATG CICCATTGT 291501 AAGCCATTGAC AACCAACCTT CCAGGTAGGA AATGAGACGT CITGCCAGC 291601 AAGTCCATAT AATACTACAA TITTATTAGCA TAAGCTATTT TITGCAGCAGC 291601 AAAATAACT TAATTGACAT TAAACCAA TAGACATTT TICGCAGCAGC 291601 AAAAATAACT TAATTGACAA TAAACTTAAG TAAGCTATTT TICGCAGAGC 291701 AAAAATAACT TAATTGACAT TAAACCAA ATTATTTATTCC CAGTCTACTC 291701 AAAAATAACT TAATTGACAT TAAACCAA ATTATTTATTC CAGTCTATCC 291701 AGAAATAATAT TAATAACAA ATAGAAATCT TITGGTATTC CAGTCTATCC 291701 GAAATAACTA TITAATACAA ATAGAAATCT TITGGTATTC CAGTCTACTC 291801 GAAATAACTA TAAAGTATTC CATACATGA CATACATGAA ATAAAATTCT 291801 GAAATAACAA ATACAATTTAT TITTAATACCA CACAACGAA ATAAATTCTT 291901 GAAATACAACA ATACAATTTAT TITTAATACCA CACAACGACAACAACGTCA CACAGGATACA 291915 TITACATAGAT ATAAGTATTC TITGATCACT GGGCTTACCT CTIGTCTTAGA 291951 TAACATACAA ATACATTTAT TITTAATACCA AACAAAGGTCA CACAGGATACA 292101 AAATACTACA ATACATTTAT TITTAATACCA ACAAAGGGTCA CACGGGTACCC 292101 AAATACTACA ATACATTTAT TITAATACCA ACAAAGGGTCA CACGGGACAA 292101 GAATTAACAA TACAATTATTAT TITAATACCA ACAGGAAACA GTGTGGGACA ATAGTAACAC 292101 GAAATAACAA CAGATGACAG TICCACTATCA AGAGTAAACC TAGCCATAGG 292201 GCATTAACAT TGATCTTATT AAAATACACG TACCCATAGA 292201 GCATTAACAT TGATCTTATT AAAAATACACG TACCCATAGA 292301 TITGCAAAAAAT TITTIGCACAT TITTIGATACT AGAGGAAAAC CATACTCACACAG 292201 GATTAACAT TGAACATTACA AAAAAAATTAA AAAAAAATTAA AAAAAAATTAA AAAAAA						
291451 CAGCTIGTACC TIGGGCTIACT TITCITTIGTA GAGGCATTITIS CITCATTGTT 291501 GAGGGTTIGGT ACTIGTCTAAA GTTAAACCAT TITCAGTGATG CCTAGCATGG 291501 AACACTTGAC AACCAACCTT CCAGGTAGGA AATGAGAGGT CCTTGCCAGC 291601 AAGTCCATAT AATACTACAA TITTTATGAC TAGACTATTT TIGCAGAAGT 291601 AAGTCCATAT AATACTACAA TITTTATGAC TAGACTATTT TITGCAGAAGT 291701 AAAAATAATC TTAATAACAA ATAGAAATCT TTAGTGTC AGTCTAACTC 291751 AGTTTAGTCC TATTTAGTTT GGGATAAGAA AGTAATGTATC CAGTCTAACTC 291751 AGTTTAGTCC TATTTAGTTT GGGATAAGAA AGTAATGTATC CAGTCTAACTC 291251 AGATTAAGTC TATTTAGTTT GGGATAAGAA AGTAATGTATC CAGTTATTTT 291801 GCAAATTATT TITATGAAGAC TATGGGGAT AACCGTGTACT CATTTTAGATT 291801 GAAATAGTAG AAATTATGAG CATACAATAG CTTACATGAA ATAAATCTT 291951 TITACATAGAT ATAAGTATTC TIGGGCATTT TAGTCTAGAA CCAATGAGTTT 291901 GAAATAGTAA ATAAGTATTC TIGGGCATTT TAGTCTAGAA CCAATGAGTTC 292001 ATAATATCAA ATACATTTAT TITTAATACC 292001 AAAGAACTAA AGATTAACCAG TCAAGGAAAC GTGTGGGGACA ATAGATAACA 292101 AAATACTACT TITTAATGCCC TCAGGTGCTT TACTGTTAGT AGAAAGTTAA 292101 AAATACTACT TITTAATGCCC TCAGGTGCTT TACTGTTAGT AGAAAGTTAA 292101 GCAATTAAACA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCACAGA 292201 GCATTAACAT TGATCTTATT AAAATACAGT TACCCCTTTG AACACCACAG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TACCCCTTTG AACACCACAG 292201 GTTGGAAAAAT TITTIGGCAT TITTIGATAAT GAGGAAAAAC CATGGGGCTC 292301 TTGGAAAAAT AAAAAATTTAA GAAAACTTA CAGGAAAAAC CATGGAGGCCC 292301 TAAAGAAATATAA AAAAAATTTAA CAAAACCTAC ACCACAGAC CATGGAGGCCC 292501 TTAAAGAATATAA GAAAATATAA TAAAAATATAT TAAAATTATT ATAACAGAT TAAAATATAT CACAAATATAA CAGAATATAAA AAAAAATTTAA CAAAAACTTA CAGCAATAGAA CATCACACAGAC 292501 TTAAGAAAATATAA GAAAATATAA TAAAATATAT TAAAATTATT ATAACAGAT TAAAATATAT CACAAATATAT CACAAATATAT CACAAATATAT CACAAATATAT CACAATATAT CACAAATATAT CACAAATATAT TATAACTAGAT TAAAATATAT TAAAATTATT ATAACAGAT AAGACCTAC CACCCAGAGAC CATTATGAATATAT CACAATAATATAA GAAATATATA GAGAATATATA CACACTAGAA CATTATAAAAAACTTAAAATAAAA						
291501 GAGGGTIGGT ACTIGICTIANA GTTANACCAT TITCAGTAGTG CCTIGCCAGC 291551 ANCACITIGAC AACCAACCTT CCAGGTAGGA AATGAGAGGT CCTITGCCAGC 291601 ANGTICCATAT AATACTACAA TITTITATGAC TAGACTATTI TITGCAGAGT 291651 ACTIATITGCT TAATIGACAT TAAAACTIANG TAAGCICATIT TITGCAGAGT 291791 ANAACTATATA CTAATIGACAT TAAAACAA ATAACAA ATAAGTATAT CAGTICATCC 291751 AGTITAGTIC TATTITAGTTT GGGATAAGAA AGTAATGTAT CAGTITATCT 291801 GGCAAAATTAT TIATIGAGAGC TATTIGGTAT GGGATAAGAA AGTAATGTAT CAGTITATTT 291801 GGCAAATTAT TIATIGAGAGC TATGTGGGAAT AAGCTGTATC TATTITAGATT 291801 TAATAATATT GGGATTAGAG TAATTCCACT GGGCTTACTC TITGICTTAGAT 291901 GAAATAGTAG AATAATTTT TITGIATTCAC ATACATTAGA ATAAATTTT 291901 AAATACTAGA ATACATTTAT TITTIAATGACCA TITGACTAGA ACAAAAGGTC ACTIGGGTTT CAGTICAGA AATAACTTT 292001 ATAATATCAA ATACATTTAT TITTIAATGACC ACAAAAGGTC ACTIGGGACA ATAAGTATTC 292051 AAAGAAAGTAA GATTAAACAG ATCACATTTAT TITTIAATGACC ACAAGAGGTA ACAAAAGGTC ACTIGGGACA ATAAGTATTA 292101 GAATAACAA TACATTTATT AAAATACAGT TAACAT AGAAAAATTAA AAAAAATTAA AAAAAATTAA AAAAAATTAA AAAAAA						
291551 AACACTTISAC AACCAACCTT CCAGGTIAGGA AATGAGAGGT CCTTGCCAGC 291601 AAGTCCATAT AATACTACAA TITTITATGAC TAGACTATTT TITGCAGAGGT 291651 ACTTATTGCT TAATTACACA TAAACTTAAG TAAGCTATTT TITGCAGAGT 291751 AGATTATGCT TAATTACACA ATAGAAATCT TAAGTCTACC CAGCTACTC 291751 AGATTAGTCC TATTTAGTAC GAGAAACAA ATAGAAATCT TAGTATCCC AGTCTACTTC 291801 GGCAAATTAT TITATAGAACC TATGTGGAAA AGAAGAAA CAGAATGATC TATTTAGATT 291801 GGCAAATTAT TIGATAGAGC TATGTGGAAA AGAAGAAA CATAAATGAT CAGTTATTTT 291801 GAAATAGTAG AAATTATTAGAG TAATCCCACT GGGCTTACTC TIGTCTTAGA 291951 TITACATAGAT ATAAGTATTC TITGGGCATT TIGATGCAGA AGAAAAATCAG 291951 TTACATAGAT ATAAGTATTC TITGGGCATT TIGATCCAGA CCAATGATTT 292001 ATAATATCAA ATACATTTAT TITTAATACC AACAAAAGGTC ACTGGGGTTC 2920101 AAATACTACA CATACATTATAT TITTAATACC AACAAAAGGTC ACTGGGGTTC 292101 AAATACTACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTTA 292151 GTAAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC 292101 ACATTAACAT TIGATCTATTAT AAAATACAGT TACCCCTTTG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAAAATATA 292301 TTGGAAAAAT TITTGGACAT TITTTGATAAT CAGAGAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATTAA CAGAGTAAAAA CAGAGTGAAA GAAAAAATTAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAATATAA CAAAAAAATAAAAAAAA						
291601 AAGTICATAT AATACTACAA TITITATGAC TAGACTATIT TITGCAGAAGT 291651 ACTIATITACT TAATICACAT TAAACTTAAG TAAGCICATCT 291751 ACTITATICAT TAATICACAT TAAACTTAAG TAAGCICTACT 291751 AGATTAAGTC TAATITACAAA ATAGAAATCT TTAGTATCCA AGTCTAACTC 291851 GCACAATTAT TITATGAACA ATAGAAATCT TTAGTATCCA AGTCTAACTC 291851 TITATATAATT TIGATATTAG CATACAATAG CTTACATGAA ATAGATTITT 291801 GCACAATTAT TITATAGAAC TATGTGGAAT AAGCTGTACT CAGTTACTTT 291901 GAAATAGTAG AAATTATGAG TAATICCACT GGGCTTACTC TIGTCTAGA 291951 TITACATAGAT ATAAGTATTC TITGGCATTT TIGATGCAAA ATAAATTCTA 292001 ATAATATCAA ATACATTTAT TITTAATACAC 292101 AAACAACTAA GATTAACCAG TCAGTGGATT TACATGAA ATACATTTAT 292001 AAATACTACT TITAATGCCC TCAGTTGCTT TACTTAGT ACAAAGGTTC 292101 GAATTAACAT TGATCACCC TCAGTTGCTT TACTTAGT ACAACCACAG 292201 GCATTAACAT TGATCTATT AAAATACAC TAACATTAGT 292201 TTGGAAAAAAT TTTAATGCCC TCAGTTGCTT TACCTTTAGT ACACCACAGG 292201 TTGGAAATAAAA CAGATGACAG ATCTCATATC ACAGTAACAC CTAGCAATAGG 292201 TTGGAAATAAAA TTTTTTACC ATTTTTACC ATTTTTTCC ACAGGAAAAC CATGTGGCT 292301 TTGGAAAAAT TAAAAATTAA CAAAAAATTAA CAGAATGATA CACAAACTAC 292301 TTGGAAAAAAT TAAAAATTAA CAAAACTACA ATCAAATATA 292301 TTGAAATAAAA TAAAAATTAA CAAAACTACA ACACACAAAC CATGTGGCCT 292301 TTAATACATAGT CTATTTTACC ATTTTACTACA ATGAAATATA CACAAATCTA 292451 TTAATAACAAG TAAAGAATAA TAACAACACAAC ACTACTCAGC 292551 TAATACATAGT CTATTTTACC ATTTTACTAAC ATGAAATATA CACAAATCTA 292451 TTAATACAAGA TAAGGATGAA GACATGAAGA CCTTTATATAAAA 292601 TTTACTAAAA GTAAAATATA TTTACTCTAC ATGAAATATA CACAAATCTA 292501 TTTAATGAAAA GTAAAATATA TTTATCTCTAC ATGAAATATA ACAAAATTAA 292601 TTTACTGAAAATAT GTGGCCTA ATGTTATTTTTC ATTACAATATA ACAAAATAAAAA TATACTACTAC ATGAAATATA ACAAATAAAAAATAA TACTATAAAAAA AAAAATTAA AAAAATAAA TATACTACTAC ATGAAATAAA AAAAATAAAAAAAAAA						
291651 ACTIATICCT TAATIGACAT TAAACTIAAG TAAGICTATIC TCTITCICTT 291701 AAAAATAATC TITAATAACA ATAGAAATCT TITAGIATCCC AGTCTAACTC 291751 AGTTTAGICC TATITAGTTI GGGATAAGAA AGTAATGAT CAGTTAACTC 291801 GGCAAATTAT TIGTAATTGAT GGGATAAGAA AGTAATGAT CAGTTAACTC 291801 GGCAAATTAT TIGTAATTGAT GATTAGATAGA ATAGATATTA TIGTAATTAGAT CAGTTAACTC TATITAGAT 291901 GAAATAGTAGA AAAATTAGGAT TAATITCACT GGGCTTACTC TIGTCTTAGAT 291951 TITACATAGAT ATAGATTATC TIGGGCATTT TIGATGCTAGA ATAAATTCTC TIGGGCATTT TIGTACATAGA AAAATTATGAGAT TAATTCACT GGGCTTACTC TIGTCTTAGA 291951 TITACATAGAT ATACATTTAT TITTTAATACC AGGACACAG CGGGCTTACTC TIGTGAGA 292101 AAATACTACA ATACATTTAT TITTTAATACC ACAAGAGAC ACTAGTAACAC 292101 AAATACATACA ATACATTTAT TITTTAATACC AGGACACAG GTGTGGGACA ATACTAACAC 292101 CAATTACACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAAGTTAC AGAACACACACAC 292251 GTTTGAATTG CACAGGTTCA CTTATATTA AGAAATACAC TAGACACACACACACACACACACACACACACACACACACA						
291701 AAAAATAATC TITAATAACAA ATAGAAATCT TIAGTATCCC AGTCTAACTC 291751 AGTTTAGTCC TATTTAGTTT GGATAAGAA AGTAATGTAT CAGTTATTTT 291801 GGCAAATTAT TITATAGAAGC TATGTIGGAAT AAGCTIGTATC TATTTAGATT 291851 TITAATAATAT TGGTAATTAG CATACAATAG CITACATGAA ATAAATTCTI 291901 GAAATAGTAG AAATTATGAG TAATTCACT GGGCTTACTC TITGTCTTAGAT 291951 TITACATAGAT ATAAGTATTC TITGGGCATTT TGGTGCATGA CCAATGATTT 292001 ATAATATCAA ATACATTTAT TITTAATACC ACCAAGGGT ACCGGGGTTC 292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGATACAC 292101 AAATACTAACA TATAAGTATT TITTAATACC AACAAAGGTC ACTGGGGTTC 292101 AAATACTAACA TAGACTAGCAG TCAAGGAAAC GTGTGGGACA ATAGATACAC 292101 GCATTAACAT TGATCTTATT AAAATACAGT TACCCTTTGA AGAAAGGTCA 292201 GCATTAACAT TGATCTTATT AAAATACAGT TACCCTTTGA AGAACAGGC 292201 GCATTAACAT TGATCTTATT AAAATACAGT TACCCTTTGA AGCACCACAG 292201 TITGGAAAAAT TITTIGGACAT TITTGATATAT GAGGAAAAAC CATGCCACAC 292301 TTGGAAAAAT TATTTTACC ATTTAATATG GAGGAAAAAC CATGCCACAC 292301 TTGGAAAAAT TATTTTACC ATTTACTAAC ATGAAATATA CACAAAACTA 292401 AATACTACAT CACTTTACC ATTTACTACA ATGAAATATA CACAAAACTA 292401 AATACTACAT CACATGAAGA ACCTTATATACA ATGAAATATA CACAAAACTA 292401 TATACAAAAC TAAGAATAGA ACAACGAGAAAA CCTTATAGATT 292401 TATACAAAACT CTACTTTACC ATTTACTACA ATGAAATATA CACAAAACTAC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGAT CTACCTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGAT TAAAAATATAT TAAAAATATAT TITTACCTACC ACACCAAAAC ACTACCCAGC 292501 TAACAAAATAT GTGTAAGATTAT TATAAGAATAC AGTAATAAAAAAATATAT TITTACCTACC TACCTTTACAT TAAGAATACA AGAATATAT ACAAAAATAT TAAGAATACA TATTTTAGCA TTACAGAATAT TAAGAATATAT TATTTTGCA ATGAAATAAT TATTTTGCA ATGAAATAAT ACAAAAATAT TAAGAATACA AGAATTATAA ACAAAATATAT TAAGAATACA AGAATTATAA ACAAAATATAT TAAGAATACA AGAATTATAA ACAACAATAA AGAATATATAA TAAGAATAA AAAAATTTAA ACAAAAATAT TAAGAATAA AAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATATAA AAAAATAA AAAAATAA AAAAATAA AAAAAA						
29151 AGTITAGTIC TATITAGTIT GGGATAAGAA AGTAATGTAT CAGTTATTIT 291801 GGCAAATTAT TITATAGAAGC TATGTGGAAT AAGCTGTATC TATITAGATIT 291851 TITATATAATT TGGTAATTAG CATACAATAG CTTACATGAA ATAAATTCTI 291901 GAAATAGTAG AAATTATGAG TAATTCCACT GGGCTTACCT TIGTCTTAGA 291951 TIACATAGAT ATAAGTATTC TITGGCATTIT TGATGCTAGA CCAATGATT 292001 AAATAACTAC ATAAGTATTAT TITTATATACC ACCAAGGTC ACTGGGGTTC 292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAACAC 292101 AAATACTACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTAC 292101 GAATTAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAG TGACCCTTIG AACACCACAG 292201 TITGGAAAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GAGTTTTTC AACACCACAG 292251 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TAGAATATAA 292301 TITGGAAAAAA TTTTTGGACAT TITTGATAAT GAGGAAAAAAC CATGAGCCC 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TAGAATGTA 292401 ATATACTAGT CTATTTTACC ATTTACTACA ATGAAATATA CACAAACCTAC 292501 CTTAAGACCA TAAGGATGAA GACATCACA ACCACACAAA CACACCACAAC 292501 CTTAAGACCA TAAGGATGAA GACATCACA ACCACACAAC ACTACTCCAC 292501 CTTAAGACCA TAAGGATGAA GACATCACA ACCACACAAC ACTACTCCAC 292501 TITCTCTACC TCACTTTATT ATAAGAATAC ACTATATAAT ACAATATAAA 292601 TITCTCTACC TCACTTTATT ATAAGGATAC ACTATATAAT ACAATATAAA 292701 AGCTATATG TAGGTTTIG CACCCTCTAG CCCCATGCT TITTTGCATTACAATATACACTTTTCCAC 292801 CAACTGTAAT TCACTTTATT ATAAGAATAC ACTGCTATATT TTTAAGAATAT 292701 AGCTATAAT TAAAATTAT CAGCCCCTC AGTCATAATAC AGGAAGAAC ACTCCATGATAT 292801 CAACTGTAAT TCACACTATAA TAAAATTTAAAAAAAAAA						
291801 GSCAAATTAT TTGTAATAGAGC TATGTGGAAT AAGCTGTATC TATTTAGATT 291851 TTATATAATT TGGTAATTAG CATACAATAG CTTACATGAA ATAAATTCTCT 291901 GAAATAGTAGA AAATTATGAG TAAATTCCACT GGCTTACTC TTGTCTTAGA 291951 TTACATAGAA AAATTATGAG TAAATTCCACT GGCCTTACTC TTGTCTTAGA 291951 TTACATAGAT ATACATTTAT TTTTAATACC ACCAATGATTT TGGTGCATT TGATGCTAGA CCAATGATTT TO 292001 AAATACTACA ATACATTTAT TTTTAATGCC ACCAGGAACC GTGTGGGACA ATAGTACACC 292101 AAATACTACT TTTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTAA CAGATGACAG ATCTCATATC AGAGAAACC ATAGATTTAA 292151 GTAAAATAAAA CAGATGACAG ATCTCATATC AGAGAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCCTTTG AACAACCACAG 292251 GTTGGAAAAAT TTTTGGACAT TTTTAATTACA ATTAAATAGT CACAGGTTCA CTTATATGTG GATTTTTTC AATAAATATA 292301 TTGGAAAAAT TTTTGGACAT TTTTAACAATTTA CAGAGAAAAC CATGGGCCC 292351 AGAAAATATAA AAAAAATTAA GAAAAAATTAT CAGAAAATATA CAGAAAATATA CAGAAAAATATA CAGAAAAAATTAT TTTTACCACTTAACAA ATGAAATATA TTTAACCACACACACACACACACACACACACA	291701	AAAAATAATC	TTAATAACAA	<b>ATAGAAATCT</b>	TTAGTATCCC	AGTCTAACTC
291851 TTACATAGATT TGGTAATTAG CATACAATAG CITACATGAA ATAAATTCIT 291901 GAAATAGTAG AAATTATGAG TAATTCACT GGGCTTACTC TITGTCTTAGA 291951 TTACATAGAT ATAAGTATTC TITGGGCATTT TGATTGACA CCAATGATTT 292001 ATAATATCAA ATACATTTAT TITTAATACC AACAAAGGTC ACTGGGGTTC 292051 AAAGAACTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAACCAG 292101 AAATACTACT TITAAATGCCC TCAGGTTGCT TACTGTTAGT ACAAAGGTTCA 292151 GTAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCTTTG AACACCACAG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCTTTG AACACCACAG 292201 TTTGGAATAG CACAGGTTCA CITATATGTG GATTTTTTC AACACCACAG 292201 TTTGGAATATA AAAAAATTAA GAAAAAATG CATGAAATATA CACAAATATAA 292301 TTGGAAAAAT TTTTTGGACAT TITTTGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATG CATGAAATATA CACAAAATGTA 292401 ATATACTAGT CTATTTTACC ATTTACACA ATGAAATATA CACAAAATGTA 292451 TTTAAGACGA TAAGGATGAA GACATGAGAG CCTTTATGAT CTACACACACAC 292551 TTAAGACAGA TAAGGATGAA GACATGAGAG CCTTTATGAT CTACCTCAGC 292551 TTACATGAATA GTAAAATTAT TTTACTTCTT TATGAATTATA CACAAAATCAT 292601 TTTCTCTAGC TCACTTTATT ATAAGAATAC AGGATAATAA ACACACACAC 292551 TTACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAAA 292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAAA 292701 AGGCTATATAG TAGTTAAAATT TTTTACTCTT TATGATTTTT ATTAAGCATTA 2927101 AGGCTATATAG TAGTTAAAATT TTTTTGCAGAG CTCCAGGTTA AAGGACATAT 292801 CAACTGTAAT TCATTTTGCC TCACCTTTAGGCTT AGGCCTTCAG CCCCCATGCT TTTTGTGCCAT 292901 CATTTGTGAAT TCATTTTGCC TCACCTTTAG CCCCCATGCT TTTTTGTGCCAT 292901 CATTTTGTAAT TAGTTAAAATT TTTTTCACAGA CTCCATGCT TTTTTTGGCAT 292801 CAACTGTAAT TCATTTTGCC TCACCTTAG CCCCCATGCT TTTTTTTTTT	291751	<b>AGTTTAGTCC</b>	TATTTAGTTT	<b>GGGATAAGAA</b>	<b>AGTAATGTAT</b>	CAGTTATTTT
291851 TTACATAGATT TGGTAATTAG CATACAATAG CITACATGAA ATAAATTCIT 291901 GAAATAGTAG AAATTATGAG TAATTCACT GGGCTTACTC TITGTCTTAGA 291951 TTACATAGAT ATAAGTATTC TITGGGCATTT TGATTGACA CCAATGATTT 292001 ATAATATCAA ATACATTTAT TITTAATACC AACAAAGGTC ACTGGGGTTC 292051 AAAGAACTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAATCAC 292101 AAATACTACT TITAAATGCCC TCAGGTTGCT TACTGTTAGT ACAAAGGTTCA 292151 GTAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCTTTG AACACCACAG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCTTTG AACACCACAG 292201 TTTGGAATAG CACAGGTTCA CITATATGTG GATTTTTTC AACACCACAG 292201 TTTGGAATATA AAAAAATTAA GAAAAAATG CATGAAATATA CACAAATATAA 292301 TTGGAAAAAT TTTTTGGACAT TITTTGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATG CATGAAATATA CACAAAATGTA 292401 ATATACTAGT CTATTTTACC ATTTACACA ATGAAATATA CACAAAATGTA 292451 TTTAAGACGA TAAGGATGAA GACATGAGAG CCTTTATGAT CTACACACACAC 292551 TTAAGACAGA TAAGGATGAA GACATGAGAG CCTTTATGAT CTACCTCAGC 292551 TTACATGAATA GTAAAATTAT TTTACTTCTT TATGAATTATA CACAAAATATA 292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC ACTCACCACAAAC 292551 TTACATGAATA GTAAATTATT TTTACTCTTT TATGATTTTT ATTAACACTACACACACACACACACACACACAC	291801	<b>GGCAAATTAT</b>	TTATAGAAGC	<b>TATGTGGAAT</b>	<b>AAGCTGTATC</b>	TATTTAGATT
291901 GAAATAGTAG AAATTATGAG TAATTCCACT GGCCTTACTC TIGTCTTAGA 291951 TITACATAGAT ATAAGTATTAT TITTGAGACATT TGATGCTAGA CCAATGATTT 292001 ATAATATCAA ATACATTTAT TITTTAATACC AACAAAGGTC ACTGGGGTTC 292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAACAC 292101 AAATACACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTAA 292151 GTAAATACAA CAGATGACAG ATCCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCCTATT AAAATACAGT TGACCCTTTG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAATATA 292301 TTGGAAAAAT TTTTGGACAT TTTTGATAAT GAGGAAAACC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TTAAATATGT 292401 ATATACTAGT CTATTTTACC ATTTACTACA ATGAAATATA CACAAATCTA 292451 TTATAAAAAG TTAAAATTAT CAAAACCTAC ACGCACAAAC 292551 TTAATGAACGA TAAGGATGAA GACATGAAGA CCTTTATGTT CATGAATTATA 292401 ATTACAAATATA GTAAATATAT TTAATCTTCT TATGATTTT ATAACACCTAC 292551 TTAATGAATA GTAAATATAT TTTATCTTCT TATGATTTT ATAACCTTT 292601 TTTCTCTAGC TCACTTTATT ATAAGAATAC AGTATATAAA 292651 TACAAAATAT TGGTCAGGCT ATGTTATTGG TAGGGCTTC AGCCCACGTC TTTTGGTCCAC 292551 TTTGATGTGT GTAGGGTTTG CACCCTCTAG CCCCCATGCT TTTTTGGCAT 292901 CACTTTGAAT TCATATTGC TCCATGATAA TCCTTTCCAC 292951 ATCACAAATAA TAATAATAAT TATCATGTTGT ATATAGAAC ATTACCCTTT 292901 CATTTGTAAT TAAAATATTAA AAAATTTTAA TACCTTGCAC 292951 ATCACAAATAA CAGTTAATAAT ATCATGTTGT TAACCCTTT 292951 ATCACAAATAA CAGTTAATGA TATCATGTTGT TAACCTTT TTTTAACCTTT 292901 CATTTGTAAT TAAAATTTTAA TACAATTTTAA TTCATTTCCATTTCCATTTCCATTTCCATTTCCATTTCCATTTTCATTTTTAATCATTTTTT						
292001 ATAATATCAA ATACATTTAT TITTAATACC AACAAAGGTC ACTGGGTTC 292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGGGGACA ATAGTAACAC 292101 AAATACTACT TITTAATGCCC ICAGTIGCTT TACIGTTAGT AGAAAGTTTA 292151 GTAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACACT TGACCCTTIG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAAATATA 292301 TTGGAAAAAT TITTIGGACAT TITTIGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TTAAATATGT 292401 ATATACTAGT CTATTTTACC ATTTACTAAC ATGAAATATA CACAAAACAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGTT CAAAACCTAC ACCACAACA ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAGAGA CCTTTATGTT TTACAGATTAA CACAAAAATAT GTGCTTCACC 292551 TTAATAAAAAT GTAAAATATAT TTTATCTTCT TTAIGATTTT ATTAACCTTT 292601 TTTCTCTACC TCACCTTTATT ATAGAATTAC AGAACTAAC ACTACTCAGC 292551 TACAAAAATAT GTGTCAGGCT TATGTATTTGG TAAGGCTTCA AGGAGAAT 292701 AGGCTATTAG TAGTTAAATT TTTTTGGAGG TCCCCCATGCT TTTTTGATGT CACACTTTACAC ATGTTATTGG TAAGGCTTCA AGGAGAAT 292851 ATTTTGAAGA CTCAAAATAAT TTTTTGGAGG TCCCCCCATGCT TTTTTGATGT TAAAATTTTTTTTTT						
292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAACAC 292101 AAATACTACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTAA 292151 GTAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCCTTIG AACACCACAG 292251 GTTTGAAATT CACAGGTTCA CTTATATGT GAGCATTACAT TGATCTTATT AAAATACAGT TGACCCTTTG AACACCACAG 292251 GTTTGAAATT CACAGGTTCA CTTATATGT GAGGAAAAAC CATGTGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATTAC CAGGAAAAAC CATGTGCCT 292401 ATATACTAGT CTATTTTACC ATTTACTAAC ATGAAATATA CACAAAACTAC ACACACAAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 TTATGAAAATAT GTTTCTCTT TTATGATTT TATGATTTT ATAAGAATAT ACATATAAAA 292651 TACACAAAATAT GTGTCAGGCT ATGTTATTG TAAGGCTTCC AGTCAATATA 292701 AGGCTATTAG TAGTTAAAATT TTTTTGGAGAT CTCACTTTATT ACACACTACACAC AGTATATAA AAAGAATAT TTTTTTGGAGAT CACACACAAAC ACTACTCAGC 292501 CAACTGTAAT TCATTTTTGCC TCCACCTGCT TTTTTTTTTT	291951	TTACATAGAT	<b>ATAAGTATTC</b>	TTGGGCATTT	<b>TGATGCTAGA</b>	CCAATGATTT
292051 AAAGAAGTAA GATTAAGCAG TCAAGGAAAC GTGTGGGACA ATAGTAACAC 292101 AAATACTACT TITTAATGCCC TCAGTTGCTT TACTGTTAGT AGAAAGTTAA 292151 GTAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292201 GCATTAACAT TGATCTTATT AAAATACAGT TGACCCTTIG AACACCACAG 292251 GTTTGAAATT CACAGGTTCA CTTATATGT GAGCATTACAT TGATCTTATT AAAATACAGT TGACCCTTTG AACACCACAG 292251 GTTTGAAATT CACAGGTTCA CTTATATGT GAGGAAAAAC CATGTGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATTAC CAGGAAAAAC CATGTGCCT 292401 ATATACTAGT CTATTTTACC ATTTACTAAC ATGAAATATA CACAAAACTAC ACACACAAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACACACACAC ACTACTCAGC 292501 TTATGAAAATAT GTTTCTCTT TTATGATTT TATGATTTT ATAAGAATAT ACATATAAAA 292651 TACACAAAATAT GTGTCAGGCT ATGTTATTG TAAGGCTTCC AGTCAATATA 292701 AGGCTATTAG TAGTTAAAATT TTTTTGGAGAT CTCACTTTATT ACACACTACACAC AGTATATAA AAAGAATAT TTTTTTGGAGAT CACACACAAAC ACTACTCAGC 292501 CAACTGTAAT TCATTTTTGCC TCCACCTGCT TTTTTTTTTT	292001	ATAATATCAA	<b>ATACATTTAT</b>	TTTTAATACC	AACAAAGGTC	ACTGGGGTTC
292101 AAATACTACT TITAATGCCC TCAGTIGCTT TACIGTTAGT AGAAAGTITA 292151 GTAAAATAAAA CAGATGACAG ATCTCATATC AGAGTAAACC TAGCAATAGG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTCAAAATACAGT TGACCCTTTIG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAAATATA 292301 TTGGAAAAAT TITTTGGACAT TITTTGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAATGTA CATGAATGTA TTAAAATATAG 292401 ATATACTAGT CTATTTTACC ATTTACTACA ATGAAATATA CACAAATCTA 292451 TTATAAAAAG TTAAAATTAT CAAAACCTAC ACACACAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTITATGAT CTGCTTCCAC 292551 TTAATGAATA GTAAATATAT TATATCTTCT TATATGATTAT ATAACCCTT 292601 TTTCTCTAGC TCACTTTATT ATAAGAATAC AGTATATAAT ACATATAAAA 292651 TACAAAAATAT GTGTCAGGCT ATGTTATTTG TAAGGCTTCC AGTCAATAAT 292701 AGGCTATTAG TAGTTAAAATT TTTTTGGACAG TCCACGTTAGT AAGGACAAT 292701 AGGCTATTAG TAGTTAAAATT TTTTTGGACAG TCCACGTTAGT AAGGACAAT 292801 CAACTGTAAT TCATTTTGCC TCCATGATAA CTGCTTATTT TTTAGAGAAC ATTCATTTC 292801 CAACTGTAAT TCATTTTGCC TCCATGATAA CTGCTTATTT TTTAAGAATAT 292801 CAACTGTAAT TAAAATTGAA AAAATTTTAA TCCTTCACT TTTTTGACT 292901 CATTTTGTAAT TAAAAATTGAA AAAATTTTAA TCCTTTGACT 292901 CATTTTGTAAT TAAAAATTGAA AAAATTTTAA TCCTTTGACT 292901 CATTTTGTAAT TAAAAATTGAA AAAATTTTAA TCCTTTGACT 293901 TTAAGACAAA ATTGACATAA CAGGTTCACAG CCCCATGCT TTTTTGACT 293901 TTAAGACAAA ATTGACATAA CAGGTTCCC CACTTTTCATT TACCTTTGACT 293901 TTAAGACAAA ATTGACATAA CAGGACAG CAGCCCGATGCT TTTTGACT 293101 TGGGGTAATA TAGAGCACTA CAGGCCCCC AAGTTACCAG CTGAAACCAG 293011 TTAAGACAAA ATTGACATAA CAGATTTTCCC TCCAGGTTC AAGTTACAG 293101 TTAAGACAAA ATTGACATAA CAGATTTCCC TCCAGGTTC AAGTTACAG 293101 TTAAGACAAA ATTGACATAA CAGATTTCCC TCCAGATTAA TTGACTTCAA TACGGCCCCC TTTCTCCC TTAACATCAG AACTTATTTCCCC TCCAGATTAA TTGACTCAT TTCCTCCAC CTCAGATT TTTCCCCCC TTATTCCAA AACTTATTTCCCCCCCAAAAACAGG AACTTCAAT ATTGATTCTTCAA TACGCCCCC TTTTCCACCAG ATTGACTCAT 293351 TTATTTCAAT TACATTAAT ATGGACACAG ACCTCCTAGA AGCCCACCCCTTAAAAACAGG AACTTCTAA 293401 ACTTTTAAATT TTCCTCCAC CCCCCTTAGGGA TATTTTTTCCCC TCCCACAAAACAGG ATTTTAAAGAC ATTGACTAGA TACCT						
292151 GTANATANAA CAGATGACAG ATCTCATATC AGAGTANACC TAGCAATAGG 292201 GCATTACATT TGATCTTATT AMAATACAGT TGACCCTTIG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAAATATA 292301 TTGGAAAAAT TTTTGGACAT TTTTGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TTAAAATTGT 292401 ATATACTAGT CTATTTTACC ATTTACACAC ATGAAATATA CACAAAACCACAC ACCACAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGAT CTGCTTCCAC 292551 TTAATGAACA TAAGGATGAA GACATGAAGA CCTTTATGAT CTGCTTCCAC 292551 TTAATGAATA GTAAAATAT TTATCTTCT TTATGATTAT ATTAACCTTT ATTATGACTA ATGAAATATA GTAAAATAT TTATCTTCT TTATGATTATA ACATATAAAAT 292601 TTTCTCTAGC TCACTTTATT ATAAGAATAC AGTATATAAA ACATATAAAA 292651 TACAAAATAT GTGCAGGCT ATGTTATTTGA CAGACCACAC ACTACTCAGC CAGCATAAAT 292701 AGGCTATTAG TAGTTAAAATT TTTTTGGAGGA TCCCCCATGCT TTTTTGAGGATTA ACATATAAAA 292701 AGGCTATTAG TAGTTAAAATT TCATTTTGCC TGCATGATAA CTGCATGATT AAGGAGGAATT CAGACACAAA CATTCAGGATTAA CTCCAAAATAA TATCATGTTG ATATAGAAAA ATTTGACATAA CAGATTTAAA TATCATGTTG ATATAGAAAA ATTTGACATTAA CAGATTTTAAAATTGA CAAAATAA TATCATGTTG TAAGGCTTA TAAAATTGA CAAAATAA TATCATGTTG ATATAGAAAA ATTTGACATTAA CAGATTTTAAAATTGA CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA ATTCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTG CAAAATAA TATCATGTTGA GAAATTATTGAC CAAATTATA CAGACCAAA ATTGACATAA CAGATTTAAAATTTTA ATTATTTCAAAAAAAAAA						
292201 GCATTAACAT TGATCITATT AAAATACAGT TGACCCTTTG AACACCACAG 292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTITTTC AATAAATATA 292301 TTGGAAAAAT TTTTGGACAT TTTTTGATAT GAGGAAAAC CATGTGGCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TTAAAATATGT 292401 ATATACTAGT CTATTTTACC ATTTACTAAC ATGAAATATA CACAAATCTA 292451 TTATAAAAAG TTAAAATTAT CAAAAACTAC ACACACAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGAT CACCAAATCTA 292451 TTAATGAATA GTAAAATTAT TAAAAATTAT TTATCTTCT TTATGATTTT ATTAACCTTT ATTACCTTT ATTAGATTA TTACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAAA 292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAAA 292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAT 292701 AGGCTATTAGT TGATGTTGG CACCCTCTAG CCCCCATGCT TTTTGGCAT 292801 CAACTGTAAAT TCATTTTGCC TGCATGATAAA CTGCTTATTT TTTTGGCAT 292801 CAACTGTAAAT TAAAATTGAA AAAATTTAA TATCATGTTG ATATAGAAAC ATTCACATTC 292901 CATTTGTAAT TAAAATTGAA AAAATTTAA TCTCTTAGAC CCCCCATGCT TTTTAAGACTAA ATTGCATTAA CCAGTTAGAA ATTGCATTAA CAGATTTTAAC CAGGTTAGA ATTCCATTTC 292901 CATTTGTAAT TAAAATTGAA AAAATTTAA CCAGTTTAGA CCCCTTCAGA CCTGAACCAG ATTGCATAA ATTGCATAA ATTGCATAA CAGATTTTAA TTCCTTAGA CAGACCAG ATTGTATAT TAAAATTTGA CAGATTTTAAC CAGGTTAAG AAAATTTTA TTTTTAAAC CAGGTTAGA GCTGAACCAG ATTGCATAA TCAGGCCCTC AAGTTACCTG CTAATGCTAA TTGCATTAACATTTTTTTTTT						
292251 GTTTGAATTG CACAGGTTCA CTTATATGTG GATTTTTTC AATAAATATA 292301 TIGGAAAAAT TTTTGGACAT TTTTGATAAT GAGGAAAAAC CATGTGGCCT 292351 AGAAATATAA AAAAAATTAA GAAAAAATGT CATGAATGTA TTAAAATATG 292401 ATATACTAGT CTATTTTACC ATTTACTAAC ATGAATATA CACAAATCTA 292451 TTATAAAAAG TTAAAATTAT CAAAACCTAC ACACACAAC ACTACTCAGC 292501 CTTAAGACGA TAAGGATGAA GACATGAAGA CCTTTATGAT CIGCTTCCAC 292551 TTAATGAATA GTAAATTATT TTATCTTCT TTATGATTT ATTAACCTTT 292601 TTTCTCTAGC TCACTTTATT ATAAGAATAC AGTATATAAT ACATATAAAA 292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAT 292701 AGGCTATTAG TAGTTAAAATT TTTTGGAGAG TCTCAGGTTA AAGGAGAATT 292701 AGGCTATTAG TAGTTAAAATT TTTTGGAGAG TCTCAGGTTA AAGGAGAATT 292751 TTTGATGTGT GTAGGGTTTG GCACCTCTAG CCCCCATGCT TTTTGTGCAT 292801 CAACTGTAAT TCATTTTGCC TIGCATGATAA CTGCTTATTT TTTAAGAATA 292851 ATTTTGAAGA CTCAAAATAA TATCATGTTG ATATGAAAC ATTCCATTTC 292901 CATTTGTAAT TAAAATTGAA AAAATTTAA TTCTTCCATT TACCTTGACT 292901 TTAAGACAAA ATTGACATAA CAGATTTGCC CACTTTACA GCTCAACCAG 293001 TTAAGACAAA ATTGACATAA CAGATTTGCC CACTTTTCCA TTCAGGCCTC 293101 TGGGGTAATA TGGACCAAT ACAGATTACC CACTTTTCCA TTCAGACCAG 293101 TGGGGTAATA TGGACCAATT ATTGTATTTT TTAAAATTTT 293101 TGGGGTAATA TGGACCAATT ATTGTATTTT TTAAAATTTT 293101 TGGGGTAATA TGGACCAATT ATTGTATTTT TTAAAGGCTA GAAATTATTG 293301 TTTATCCCAA ATTGACATTA ATTGTATTTT TTAAAGGCTA GAAATTATTG 293301 TTTAATCAG ATTGACATAA AAGAAAAAGTG AACCTCAAAA 293301 TTTAATCAG ATTGACATCC TTTTACCAGTT AGGCACCAG ACCTCAAAA 293301 TTGCCCTCCT TTTTACCAGTT ATGAGAACAG ACCTCCAAAA 293301 TTGCCATTA TCCTCACGTT TCCTCCAGA ACCTCCAAAA 293401 ACTTTTAATT TCCTCCCAGT TCCTCTCCAC ACCACAAAAA GAAAATTATC 293501 TAGTGCCTAT TCCTCACGTT TCCTCCAGAACAG ACCTCCTTTTTCCTCACAGATAAA 293401 ACTTTTAATT TCCTCCCAGT TCCCTCCAC ACCACACAAAA GAAAATTCCA 293501 TAGTGCCTAT TCCTCCAGTT TCCTCCACACAG ACCTCCTTTTTTCCTCACAGT TTCCTCCACAAGTGAA ACCTTCTTTTTCCTCACAGT TTCCTCTCAG ACCTTCTCTTTTTTCCTCACAGT ATCTTCTCTTTTTCCTCACAAACAGT ATTTTTTTCTTCACAATTAAAATT 293701 ACCTCTTCAAAATTAAGGCCAT TCCTCTCAAAAAC TTAGAGAACAG ACCTTTCAAAATT 293701 ACCTCTTCAAAATTAAAGCCATTTCAAAATTAAATTCTTC						
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292651 TACAAAATAT GTGTCAGGCT ATGTTATTGG TAAGGCTTCC AGTCAATAAT 292701 AGGCTATTAG TAGTTAAATT TITTTGGAGAG TCTCAGGTTA AAGGAGAATT 292751 TTTGATGTGT GTAGGGTTTG GCACCTCTAG CCCCCATGCT TTTTGTGCAT 292801 CAACTGTAAT TCATTTTGCC TGCATGATAA CTGCTTATTT TTTAAGATAT 292851 ATTTTGAAGA CTCAAAATAA TATCATGTTG ATATAGAAAC ATTCCATTTC 292901 CATTTGTAAT TAAAATTGAA AAAATTTTAA TTCTTCCATT TACCTTGACT 292951 ATCACAAATA CATGTAATGA TTTTTTAAAC CAGGTCTAGA GCTGAACCAG 293001 TTAAGACAAA ATTGACATAA CAGATTTGCC CACTTTTCCA TTAACATTTT 293051 TTATCCCTAA TCAGGCCCTC AAGTTACCTG CTAATGCTAA TTGTATGACT 293101 TGGGGTAATA TGGATCAATT ATTGTATTTT TTAAAGGCTA GAAATTATTG 293151 GATAAATTGT GGAAATTTTA ATTGTATTTT TTAAAGGCTA GAAATTATTG 293151 TCCTCTCTCT TTTTACAGATA AGAAAACGTG AACCTCAAAA GTGAGAATAAA 293201 GTTTAATCAG AATGTTTGAG CTAAAGGAAA TCCTAGATGT CATGGTCCAG 293301 TTTGCCATTA TCATCAGTAT ATGAGAACAG AACCTCAAAA GTGACCTCTA 293301 TTTGCCATTA TACCCAGT TCATCAGTT ATGAGAACAAA GTGACCTCTTA 293451 TAATTACTAT TCCTCACAGT TCATCAGTT TCCCCTCCAC ACCAAAAGGG CTCCCTTCTGT 293451 TAATTACTAT TCCTCACAGT TCACTCTTCT TCCCCAAAAGG CTCCCTTCTGT 293451 TAATTACTAT TTCCTCACC TCCCTCCAC ACCAACTAAA GAAAAATTCC 293501 TAGTGCCTAT TTCCTCTCAC CCTCTAGGGA TATTTATTGC CTGAATGAAT 293551 CTCTTCAGTA GCATTTTCAACAGT TCACTCTTCTT TCCCCAAAGGG CTCCCTTCTGT TTTTTCCTCC CTGAATGAAA GAAAAAATTCC 293501 TAGTGCCTAA CCTCTTTAGG GCTTTACTAA TACGAAAAGG AACTTCTAA 293651 TGAATCTGCC CTAGTTACAG TCCTTTCTCT TCCCTCCAC ACCAACTAAA GAAAAATTCC 293501 TAGTGACAC ACCTCCTTTAGG GCTTTACTAA TACGGACAAG GTGAACTCTAA 293651 TGAATCTGAC TCCCTTCTAGG GCCAAGTATA AAAGGACAAG GTATACATAT TTTTCCTCCTAGTAG GCCAAGTATA AAAGGACAAG GTATACATAT TTTTGCTTTT ATGCCCTCCCT TCCCTCCAC ACCAACTAAA GAAAAAATTCC 293701 ACTCTTAAAAC TACATGGGT CTCCTTTCTTCT TCTCTCTGT TTTTTACTTCTAAAAAC TACATGAGT CTCCTAGTAGA ACCTCCACAA AATTCTAAAATT TTTTTCTCACAGA ACCTCCTTTTAAAAAC TACATGAGT CTCCTAGAAAAC TTCCAAAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAAC TACATAAAAA						
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292751 TTTGATGTGT GTAGGGTTTG GCACCTCTAG CCCCCATGCT TTTTGTGCAT 292801 CAACTGTAAT TCATTTTGCC TGCATGATAA CTGCTTATTT TTTAAGATAT 292851 ATTTTGAAGA CTCAAAATAA TATCATGTTG ATATAGAAAC ATTCCATTTC 292901 CATTTGTAAT TAAAATTGAA AAAATTTAAA TTCTTCCATT TACCTTGACT 292951 ATCACAAAATA CATGTAATGA TTTTTTAAAC CCAGTCTAGA GCTGAACCAG 293001 TTAAGACAAA ATTGACATTAA CAGATTTGCC CACTTTTCCA TTAAAATATTT 293051 TTATCCCTAA TCAGGCCCTC AAGTTACCTG CTAATGCTAA TTGATATTT 293101 TGGGGTAATA TGGATCAATT ATTGTATTTT TAAAGGCTA GAAATTATTG 293101 TGGGGTAATA TGGATCAATT ATTGTATTTT TAAAGGCTA GAAATTATTG 293201 GTTTAATCAG AATGTTTGAG CTAAAGGAAA TCCTAGATGT CATGGTCCAG 293251 TCCCTCCCT TTTACAGATA AGAAAAACGTG AAGCTCATAT GTAGAATAAA 293201 TTTGCCATTA TCATCAGTAT ATGAGAACAG ACCTCCAAAA GTGAACTCAT 293301 TTTGCCATTA TCATCAGTAT ATGAGAACAG ACCTCCAAAA GTGAACTCAT 293351 TTATTTCAAT AGCCCATCCT TTTTTCCCCC TTATGCCACA ATGCCTCTTA 293401 ACTTTTAATT TCCTACCAGT TCACTCTCT TCCCAAAGTG CTCCTTCTGT 293451 TAATTACTAT TTCCTACCAGT TCACTCTCT TCCCAAAGTG CTCCTTCTGT 293501 TAGTGCCTAT TTCCTCCACC CCCCCCC ACCAACTAAA GAAAAATTCC 293501 TAGTGCCTAT TTCCTCTCAG CCTCTAGGGA TATTTATTGC CTGAATGAAT 293551 CTCTTCAGAC ACCTCTTTCAG AAGTGAACAG GACATTCTAA 293601 TGTCAGAGGA ACCTCTTTCAG AAGTGACAA AGAAAAATTCC 293701 ACTCTTCAGAC CTCATTACAG TCTTTCATCAT TCCTCTCAG GCCTTTACTA TACGAAAAG GACATTCTAA 293701 ACTCTTGAAC TACATGGGTT CTCTAAAAAC TACGAACAG GTATACATAT TTTTTTTTTATTCCTAGC CTCTAAAAAC TACGAACAAG GTATACATAT TTTTTTTTTT						
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293351 TTATTTCAAT AGCCCATCCT TTTTTCCCCC TTATGCCACA ATGCCTCTTA 293401 ACTTTTAATT TCCTACCAGT TCACTCTTCT TCCCAAAGTG CTCCTTCTGT 293451 TAATTACTAT TTTTCCTACC TTCCCTCCAC ACCAACTAAA GAAAAATTCC 293501 TAGTGCCTAT TTCCTCTCAG CCTCTAGGGA TATTTATTGC CTGAATGAAT 293551 CTCTTCAGTA GCATTTTCAA AAGTGTGACA AGATGAAAAG GACATTCTAA 293601 TGTCAGAGGA ACTCTTTAGG GCTTTACTAA TACGAAAGGT ATTCTGTCTA 293651 TGAATCTGCC CTAGTTACAG TCTTTCTTCT TCTTCTTTTTTTTTT						
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				CAATGGTCTG	
				ATTATTTTTA TCACCCAGGC	
				ACTOCTAGTO	
				CACCACTTTG	
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				CAAGTGGTCC	
				GCCACCATGT	
				ATAGCAATAT	
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				<b>GTATTTACTA</b>	
				AAAAGGGTGT	
				ATGAATCCTG	
				TTGACAGATG	
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				CTAGAAGAGA AATTATGTGG	
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				AGTITIATIT	
				AAAAGGAAAA	
				GGGAGACTGT	
				TCCTTTCCTT	
295451	GIGCTTTTCC	CTGGCTAGTC	TTAGAAGCAA	TCACATTTTT	ATATAATGAA
				<b>GGTATCCTGG</b>	
295551	ATGTCTGCTC	AGCATTTACA	GGTTGTTG	пппсст	CTCTTTACTT
				CGTTTTAATT	
				GCTGCATAGG	
				ATCAGACTCC	
				GGCCTGCAGT AAAAAGCAGG	
				GGAATTTTAG	
				GCTCTCTTTA	
295951	TGTCAAGTAT	GCTAGTGAAT	CTTACAAAAA	TTATGCAACT	GGAGAAATGA
296001	AATTATTTGC	<b>TATTIGTACT</b>	<b>GGCTTATGTG</b>	CAGGCAAAAT	AAAAGTAGGC
				TTATTAAGGT	
				AGGTTTTGT	
				TAAGAACAAA	
296201	TCTCTAAGAG	GTTTAGTATT	GAGTGGCAAT	TATTTIGITT	ACTIGICIGI
29625I	CTICICIGIT	GACTATGAAC	TCCTTCGTGG	TGGAGATGGT	GTIGCTIATG
206321	ACCAAATTAA	TTAATTTTCC	CTCTTAATCC	GTTTATTTGG AGATAATTTT	CCTTAAAAAT
				ATACATACAT	
				CTATTTTCTG	
				ATTTACAAAG	
296551	AAAGGATTAA	ATCACTCTAA	GTTGAGTGGG	AATTGGAAGG	AGCAATAATA
				GGAGAATAGG	
296651	CTATGGCCAG	ACCTATACCC	TAGCATATCT	AAATCTATTA	CAAAAGTGAA
				ACAGATCCAA	
				AGGGAGCACT	
				CTACAAGCTG	
206001	AAAGCIGATA	CACTTATCAC	TCTCTCCTC	AAAGCCTTAA	AACCAGGAA
2000C1	ACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	TACAATTY	CACTOCAAAC	AAAGCCTGAG GCTGGATAAC	AGCCICCAGE CTCCACG
297001	ATGTTCAGGA	CTACTAACAC	VCCVCCVVC	OGTICTGACAC	ACCTACAAAC
297051	ACAAACCCAC	AAGTCTCAGC	AAACTGCTTA	TACCCCTTCT	
297101	TIGTIGTACC	TGCTGGCGCC	CATTGGATGG	CACCTGCATT	GAAGGGTATT
				TCCTCTGACA	
297201	AGACACACCC	AGTAACAATT	CTTTACCAGC	CATCTAGGCA	TCCCTCGGTT
297251	CAGTCACACC	TAATATTAAC	TAACCGTCAC	AACCGCCATT	CCCCATATTA
				TGGGACACTT	
				AATATGTGTG	
29/401	TITATAAACA	TAAACATAGA	AAAACAAACA	CITGIGATTT	TTATATTCTT
<b>43/43</b>	GAGITTAAGG	AAAIAIATTT	AAICIAITIC	AGGCAGTTAA	AATATAATTT

297501 TACTTGTGCA TGTGTATAAA ATATTTCTCA AAGTAGTACT CTGTAACAAG
29/301 IACITATION TOTAL TOTAL AND TOTAL TO
297551 AAAACCTTGA CCCTGTTTCT TCAAATGAAT ATAAGCTCTA ATAAATAGAC
297601 ATTIGTICAA TCTCTGAACT ATTTAACIGT AATGAGTTGA AAAAAAATTT
297651 TTTTTTTT GAGACAGAGT TTCGCTCTTG TTGCCCAGGC TGGAGTGCAG
297701 TGGTGAGATC TTGGCTCACT GCAACCTCCG CCTTTCTGTT TCAAGCGATT
297751 CTCCTGCCTC AGCCTCCCGA GTAGCTGAGA CTACAGGCAC ATGCCACCAT
297801 GCCCAGCTAA TTTTTTGTAT TTTTAGTAGA GACGGGGTTT CACCATGTTG
297851 GCCGGGATGG TCTCGATCTC TTGACCTTGT GGTCCACCTG CCTCGGCCTC
297901 CCAAGGTGCT GGGATTACAG GCGTGAGCCA CTGCACCCGG CAGAAAATCT
297951 TAAATCTATA CTATAGAGTC TGACAAGAAT TTGGGACCCA AAAGCAATAT
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299051 TCTTGAGTAG CTGGAACTAC AGGCATGCAT CACCATACTC GGGAAATTTT
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299701 TCAAAAAAA AAAGTAAAAT TATATTTGTA GCTCATACTA TATTTCTTTT
299751 GAACAACACT GATCTAAAGT GCTATGTTTT TCATTGTCCG TTTAAATGGA
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299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT
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299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTIGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA
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299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATGAT AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTT 300351 TCAGTGTATA ATACAGTATT ACCAACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTTATGAAC CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCTT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTTAGT 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTTAGT 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTTAGT 300301 ATGTTATGGT ATACAGTATT ACCACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300551 AGAATCATGC TATTTGTCTT TGTGTGACTG GTTTATATTA CTTAGCATAA
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT ACCACTGTA GGTGTAATGT CATACAGTAGT 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCAGT 300551 AGAATCATGC TATTTGTCTT TGTGTGACTG GTTTATATTA CTTAGCATAAG 300601 TGCCTTCAAG TTTCATCCAT GTTATCCCAT ATGGCAGAAT TTCCTTCTTT
299801 TIATIGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTIGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT ACCAACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300501 TGCCTTCAAG TTTCATCCAT GTTATCCAAT ATGGCAGAAT TTCCTTCTTT 300651 TTAAAGACTG AATAATATAC CATCATATGT ATATGCCACA TTTTCTTTTAA
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300101 TAGATCACA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300201 CTTCTTAGGA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300201 CTTCTTAGGA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAGA 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTT 300351 TCAGTGTAGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300601 TGCCTTCAAG TATTCATCCAT GTTATCCCAT ATGGCCACAA TTTCCTTCTTTAA 300701 TCCATTCATC TTTTCATCCAT GTTATCCCAT ATGGCCACAA TTTTCTTTTAA 300701 TCCATTCATC TTTTGAGATGGA CATTTAAGTT GTTTCCACAT CTTGGCTCTT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTIGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTT 300351 TCAGTGTATA ATACAGTATT ACCAACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTTATGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCCTCCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300601 TGCCTTCAAG TTTCATCCAT GTTATCCCAT ATGGCAGAAT TTCCTTCTTT 300651 TTAAAGACTG AATAATATAC CATCATATGT ATATGGCAGAAT TTCCTTCTTT 300751 GTGAATAGTG CTGCATGAAC GTGAGGGTGC TAATATGTCT TTGAGATCCT
299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTIGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTT 300301 ATGTTATGGT AAGAACATTT ACCAACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTTATGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300601 TGCCTTCAAG TTTCATCCAT GTTATCCAT ATGGCAGAAT TTCCTTCTTT 300701 TCCATTCATC TGTGGATGGA CATTCATTGT TTTAGCATAA 300701 TCCATTCATC TGTGGATGGA CATTCATTGT TTTAGCATCAT TTTCCTTCTTTAAAGACTG AATAATATAC CATCATATGT TATGCCCAT CTTGGCTCTT 300701 TCCATTCATC TGTGGATGGA CATTTAAGTT GTTTCCACCAT CTTGGCTCCTT 300701 TCCATTCATC TGTGGATGGA CATTTAAGTT GTTTCCACCAT CTTGGCTCCTT 300801 GGTTTTAATT CTTCTTGACA AATACCCAGA AGTGGGATTG CTGGATTAATT
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299801 TTATGATGTA ATTAGACTAG AGATCTCATG GGTTTTAGAA CTAAAATGTT 299851 CTGGGGTCAG ATGTGGCTTC TGGCTTTTAC TTATTTIGTAT TTCTGGCCTC 299901 AGTTGTACCC GAAAATAAAT TTTTGTTGGA AATACAGTTT GTCCTGAGCT 299951 AATAGAGGAA CATGATTTAC CTTCAATTCT GGAGAGCTAG TAAAATAATT 300001 TAGAACACTA TGTCAAGAAT GATTCTTTCT CACTCATAAC ACTTTCTTGT 300051 GTGTCTGTTA TTTTAAGTAT CAAAATTCTC CTTTAAAACT CTGGGATAGA 300101 TGTTTCACAT GTTTCTTCTT GACCTAAAAG GTGTCATTTT CAGGCACCAA 300151 AAGTTCTTAA ACACTAATAT TCTGGTATGT AGCTGCTGAT GAAAAATGTA 300201 CTTCTTAGCA AATCCTAAGC TGGATACACA TAAAATCACA CAAGGCATAG 300251 CATGATAAAA TTGTATAAAA CCAATGATAA AGAGGAAAAT TTTTTTAGTT 300301 ATGTTATGGT AAGAACATTT AACATGAGGT CTACCTTTAA AAATTTTTT 300301 ATGTTATGGT AAGAACATTT ACCAACTGTA GGTGTAATGT CATACAGTAG 300401 ATGTTATGAA CTTAACTGAA GCATTGCTTC ACTGAAGCAT TATGCCTGTT 300451 GATTAGTAAC TCCTCATTTC CCCCTCTCCC CAGCACCTGG TAACCATCTT 300501 TCTACTCTTT GATTCTATGA ATTTATCTAT TTTAGATACC TCAGTTAAGT 300601 TGCCTTCAAG TTTCATCCAT GTTATCCAT ATGGCAGAAT TTCCTTCTTT 300701 TCCATTCATC TGTGGATGGA CATTCATTGT TTTAGCATAA 300701 TCCATTCATC TGTGGATGGA CATTCATTGT TTTAGCATCAT TTTCCTTCTTTAAAGACTG AATAATATAC CATCATATGT TATGCCCAT CTTGGCTCTT 300701 TCCATTCATC TGTGGATGGA CATTTAAGTT GTTTCCACCAT CTTGGCTCCTT 300701 TCCATTCATC TGTGGATGGA CATTTAAGTT GTTTCCACCAT CTTGGCTCCTT 300801 GGTTTTAATT CTTCTTGACA AATACCCAGA AGTGGGATTG CTGGATTAATT

301001					
	CATGCTGACA	GGTCTGAGGT	GAAGGCTCAT	TGTAAGTTTG	ATTTACATTC
201051	CCTCAGTGAG	TACTGACATT	CACTAATTTT	TCATATACCT	GTTGCCCATT
201021	CICAGO	CTTTCCAAAA	ATTENCENCE	AACTICITAC	CCCATITITA
301101	TGTATATTTT	CHIGGAVA	AIGICIGCIC	AACICCI IAG	WAITTIA
301151	ATTTGGGTTG	TATTGGTCCA	CTCTCACACT	GCTATAAAAA	AATACCIGAG
301201	ATGGGGTAAT	TTATAAAGAA	AAAAAGGTTT	AATTCATTAA	TGGTTCCACA
201201	AGCTATCCAG	CAAACATCCC	TOCCOLACCO	TCACCAAACT	TOCAATCATG
201521	AGCIAICCAG	GWACAIGGC	1000040000	104004461	100710710
301301	GCAGAAGGCA	AAGGGGAAGC	AGGCACATCT	TCATATGGCC	AGAGCAAGAG
301351	GAAGAGAGAG	GCAGAAGGTG	CCACATACAT	TTGAGCAACC	AAATCTCACA
201401	GCTACCACAA	CACCACCACC	AAGGGGAACA	TTCTCCCCA	TOCTOCAATIC
201401	GCIACCACAA	CHICAGORIC	ANGOGGANCA	TICIOCCO A	100100710
	ACCTCCCACC				
301501	GATTTGGGCG	GGGACCCAAA	CCATATCATG	GGTTATTGGG	GTATTTTTA
301551	AATTGAGTTG	TAGGGGTTCC	TTATATATT	TGGAGACTAA	CCCCTAATAT
201701	TOGATACATO	CITTCCAAAT	CTTTCCC	ATTCACTACC	TICCITITIO
30T00T	IGGATACATG	GITIGCAAAT	GITTICICA	ATTOAGTAGG	HIGCHILIC
301651	<b>ACTICTGTOGA</b>	поттост	TGCCTTGCAG	AAACTTTTA	GTTTGATACA
301701	GCCCCACTAG	TITATITCTA	TTTTGCATT	CTGTGCTTTT	ACTGTCATAT
201751	TCATGAAATT	ATCACCACCA	COANTETCAT	TAACCTTTTC	CCTTATCATT
2017.21	TOATGOVATT	ATCACCAGGA	COMIGICAL	TANCELLIC	TTAATOOT
	TCTGTAGGAG				
	TTTGAGTTGA				
301901	THGITTIG	GGTATCTAGT	TTTCCCAGCA	CCATTTATTT	ATTTATTTGT
201051	TTTGTTGAGT	CATCTCTCCT	TTTC-TTT	TOTTOTT	TTTTTAAATT
201221	THUTTOAGI	CAICICICCI	TITICITITI	1101111011	TITIO
302001	<b>ATACTTTAAG</b>	TTTTAGGGCA	CATGTGCACA	ACGIGCAGGI	HIGHACAIA
302051	<b>TGTATACATG</b>	TGCCATGTTG	<b>GTGTGCTGCA</b>	CCCATTAACT	CGTCATTTAA
302101	TTTAGGTATA	TCTCCTAATG	CTATCCCTCC	ACCCTTCCCCC	CATCCCACAA
302101	TI IAGGIAIA	TCTCCTATIO	TOTAL	CTCTCCATTC	CTCCCOOT
20212T	CAGGCCCCGG	IGIGIGATGT	itulial	GIGICAIGI	GLICITALIG
302201	TTCATTTCCC	ACCTGTGAGT	GAGAACATGC	खा <del>दाना</del> खा	TTTTGCCT
302251	TGCGATAGTT	TIGCTIGAGAAT	CATGGTTTCC	AGCTTCATCC	ATGTCCCTAC
202222	AAAGGACATG	AACTCATCAT	TITTATCCC	TACATACTAT	TOCATOCTOA
	<b>ATATGTGCCA</b>				
302401	TGGTTCCAGG	TCTTTGCTAT	TGTGAATAGT	GCCGCAATAA	ACATACCTGT
202451	CCCIGIGICT	TTATACCACC	ATCATTATA	ATCATTTCCC	TATATACCCA
3U2431	GCIGIGICI	TIAIAGCAGC	AIGAITIAIA	AICAITIGGG	IMIMIACCOA
	<b>GTAATGGGAT</b>				
302551	AATCGCCACA	CTGACTTCCA	CAATGGTTGA	ACTAGTTTAC	AGTCCCACCA
	<b>ACAGTGTAAA</b>				
302001	ACAGIGIAM	AGIGCICCIA	CCCATTO	TOCTOTOCAGE	ATTOTATION
30562T	TTCCTGACTT	TATAATGATC	GCCALICIAA	CIGITGIGAG	AIGGIAICIC
302701	ATTGTGGTTT	TGATTTGCAT	TTCTCTGATG	GCCAGTGATG	ATGACCATTT
302751	TITCATGIGT	CTTTGGCTG	CATAAATGTC	TICTITIGAG	AAGTGTCTGT
302731	TCATATCCTT	CACCCACTTC	TTCATCCACT	***************************************	TTTCTTCTAA
30280T	ICAIAICCII	CALLIACTIC	I IGA I GGAGI	IGITIGITI	TITCHIGHA
302851.	ATTIGITIGA	GITCATIGIA	AATTCTGGAT	ATTAGCCCTT	TGTCAGATGA
302901	<b>GTAGATTGCA</b>	AAAATTTTCT	CCCATTCTGT	AGGTTGCCTG	TTCACGCTGA
	TGGTAGTTTC				
			GCCATTGCTT		AGACATGAAG
	TICTICACACA		GCCATTGCTT		AGACATGAAG
303051	TTCTTGCACA	TGCCTATGTC	CTGAATGGTG	TTGCCTAGGT	AGACATGAAG TTTCCTCTAG
303051 303101	TTCTTGCACA	TGCCTATGTC	GCCATTGCTT CTGAATGGTG TAACATTTAA	TTGCCTAGGT	AGACATGAAG TTTCCTCTAG CATCTTGAAT
303051 303101 303151	TTCTTGCACA GGTTTTTATG TAATTTTTGT	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG	AGACATGAAG TTTCCTCTAG CATCTTGAAT CTTTCTACAT
303051 303101 303151 303201	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG	AGACATGAAG TITTCCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC
303051 303101 303151 303201	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG	AGACATGAAG TITTCCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC
303051 303101 303151 303201 303251	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG GATCAGATAG	AGACATGAAG TTTCCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC TTATAGATAT
303051 303101 303151 303201 303251 303301	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG GATCAGATAG TCCATTGGTC	AGACATGAAG TITICCTCTAG CATCTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG
303051 303101 303151 303201 303251 303301 303351	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG GATCAGATAG TCCATTGGTC ACTGTAGCCT	AGACATGAAG TITICCTCTAG CATCTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG
303051 303101 303151 303201 303251 303301 303351 303401	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA	TGCCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TTGCCTAGGT GTCTTTAATC CCAGTTTCAG TTAACTAAGG GATCAGATAG TCCATTGGTC ACTGTAGCCT TTTGTTCTTT	AGACATGAAG TITICCTCTAG CATCTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA
303051 303101 303151 303201 303251 303301 303351 303401 303451	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTGACTTGCC TTTGAAGTCA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT AATGTAGGCT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATIGGIC ACTGTAGCCT TITIGTICTIT TCCATATGAA	AGACATGAAG TITICCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC TTATAGATAT TATATICTCTG TGTAGTATAG TGGCTTAGGA CTTTCAAGTA
303051 303101 303151 303201 303251 303301 303351 303401 303451	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTGACTTGCC TTTGAAGTCA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT AATGTAGGCT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATIGGIC ACTGTAGCCT TITIGTICTIT TCCATATGAA	AGACATGAAG TITICCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC TTATAGATAT TATATICTCTG TGTAGTATAG TGGCTTAGGA CTTTCAAGTA
303051 303101 303151 303201 303251 303301 303351 303401 303451 303501	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAATACC TTTGAAGTCA TTGACTTGGC GTTTTTCAA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GATACCATGA AATGTAGGCT ATTCTGTGAA	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTGGTC ACTGTAGCCT TTTGTICTTT TCCATATGAA GGTAGTTTGA	AGACATGAAG TITICCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAGA TGGGCTTAGGA CTTTCAAGTA TGGGGATGGC
303051 303101 303151 303201 303251 303301 303351 303401 303451 303551	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGAC	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGGTCATTIGGTCT TTTGTTCTTT TCCATATGAA GGTAGTTTGA GGCCATTTTC	AGACATGAAG TITICCTCTAG CATICTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATICTCTG TGTAGTATAG TGGCTTAGGA CTITICAAGTA TGGGGATGGC ACGATATCGA
303051 303101 303151 303201 303251 303301 303451 303451 303501 303551 303601	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGAC	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT CCATGAGCAT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGGTC ACTIGGTC TITTIGTTCTT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTTGTT TCCATTTGTT	AGACATGAAG TITICCTCTAG CATCTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAAGA TGGGGATGGC ACGATATCGA CGTATCCTCT
303051 303101 303151 303201 303251 303301 303451 303451 303501 303551 303601	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGAC	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT CCATGAGCAT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGGTC ACTIGGTC TITTIGTTCTT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTTGTT TCCATTTGTT	AGACATGAAG TITICCTCTAG CATCTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAAGA TGGGGATGGC ACGATATCGA CGTATCCTCT
303051 303101 303151 303201 303251 303301 303451 303451 303551 303551 303601 303651	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGAC	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT TGAGCAGTGG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGGTC ACTIGGTC TTTGTTCTTT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTTGTT TCCATGTAAGA	AGACATGAAG TITICCTCTAG CATCTTGAAT CTTTCTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAAGA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC
303051 303101 303151 303201 303251 303301 303351 303401 303551 303601 303651 303701	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTCCA ATTGAATCTA TTTTTCATATCCA ATTGAATCTA TTTTTCATATCATA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT TCCATGAGCAT TCAGTAGCAT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTTCTTT TCCATATGAA GGTAGTTTGA GGCCATTTGT TCCATTTGTT TCCTTGAAGA TATTCTCTTT	AGACATGAAG TITICCTCTAG CATICTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA CTITICAGTA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC GAAGAAATTG
303051 303101 303151 303201 303251 303301 303451 303451 303551 303601 303651 303701 303751	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCCA ATTGACTTGC TTCTTCCTAC TTTTTTCAT ATCCTTTGTA ATGAATGGGAG	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT TGAGCAGTGG AGTTGGATTC AGTTGGATTC TTCACTCATG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTTCTTT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTIGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTCT	AGACATGAAG TITICCTCTAG CATICTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA CTITICAAGTA TGGGGATGGC ACGATATCGA CGTATCGCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG GTTATTGGTG
303051 303101 303151 303201 303251 303301 303451 303451 303551 303601 303651 303751 303751 303801	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCAA ATTGAATCTA TTTTTCAT ATCCTTTCAA ATTGAATCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT TCAGCAGTGG AGTTGGATTC AGTTGGATTC TTCACTCATG CTTGTGATTT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTTGT TCCTTGAAGA TATTCTCTTT CIGTTTGTCT ATTTTGTATC	AGACATGAAG TITICCTCTAG CATICTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA CTITICAGTA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG CTGAGAGGTTT
303051 303101 303151 303201 303251 303301 303451 303451 303551 303601 303651 303751 303751 303801	TTCTTGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCAA ATTGAATCTA TTTTTCAT ATCCTTTCAA ATTGAATCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT TCAGCAGTGG AGTTGGATTC AGTTGGATTC TTCACTCATG CTTGTGATTT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTTGT TCCTTGAAGA TATTCTCTTT CIGTTTGTCT ATTTTGTATC	AGACATGAAG TITICCTCTAG CATICTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA CTITICAGTA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG CTGAGAGGTTT
303051 303101 303151 303201 303251 303301 303451 303451 303551 303601 303651 303701 303751 303801 303851	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCAA TTGACTTGCA ATTGACTTCAC TTTTTTCAT TTTTTCAT ATCCTTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAT TGAGCAGTGG AGTTGGATTC AGTTGGATTC CTTCACTCATG CTTGTGATTT CTTATCAGCT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCTGT TGTTTTGGT TGCCTCCAGC CTTTTTTGGT TGGGCAGTGT TGGGCAGTGT TGGGCAGTGT TTTTTTGTAGTT TTTTTTTTTT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTITT TCCATTIGTICT TCCATTIGTICT TCCATTIGTICT TCCATTIGTICT TCCATTIGTICT TCCATTIGTICT TCCTTGAAGA TATTCTCTTT CTGTTTGTATC TTGGGCTGAG	AGACATGAAG TITICCTCTAG CATICTTGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATCTCTG TGTAGTATAG TGGCTTAGGA CTITICAGTA TGGGGATGGC ACGATATCGA CGTATCGCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG CTGAGAGGTTT ACGAAGGGGT
303051 303101 303151 303201 303251 303301 303351 303401 303551 303651 303651 303701 303751 303801 303851 303801	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA ATTGACTTGCC GTTTTTTCCA ATTGAATCTG TTCTTCCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATTAAGAACG GCTGAAGTTG TTTCTAGATA	TIGCTATIGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTIGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAGTGG AGTTGGATTC TTCACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITIGTTCTTT TCCATATGAA GGTAGTTTGA GGCCATTITC TCCATTIGTT TCCATTIGTT TCCATTIGTT TCCATTIGTT TCCATTIGTT TCCATTIGTT TCTGTTAGAGA TATTCTCTTT ATTTTGTATC ATTTTTTATC ATTTTTTATC ATTTTTTATC ATTTTTATC ATTTTTTATC ATTTTTTAT	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATCCTITICC TITATAGATAT TATATICTICT TGATATAT TATATICTICT TGATATAGA TGGCTTAGGA CTITICAAGTA TGGGGATGGC ACGATATICGA CGTATICCICT GGTCCTTTAC GAAGAAATTT GGTCTTATTGGTC TTATTGGTG CTGAGAGTTT ACGAAGGGGT TTTGACTTCC
303051 303101 303151 303201 303251 303301 303451 303451 303601 303651 303751 303751 303801 303851 303901 303951	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAAGTG GCTGAAGTTG TTICTAGATA TCTTTTCATA TTICTAGATA TCTTTTCATA TTICTAGATA TCTTTTCATA TTICTAGATA TCTTTTCATA TCTTTTCATA TTICTAGATA TCTTTTCATA TCTTTTCATA TTICTAGATA TCTTTTTCATA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATTGA AGTTGGATTC TTGACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG ATTGAATACCT ATTGAATACCT ATTGAATACCT ATTGAATACCT ATTGAATACCT ATTGAATACCC ATTGAATACCC ATTGAATACCC ATTGAATACCC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGT ACTIGGAGCCT TITGTICTIT TCCATATGAA GGTAGTITIGA GGCCATTITC TCCATTIGTI TCCTTGAAGA TATTCICTIT CIGTTIGTCT ATTTIGTATC ACAGGGACAA TICTCCTTCC	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATOCITITOC TITATAGATAT TATATICICTIG TIGIAGTATAG TIGICTITAGGA CTITICAAGTA TIGIGIGIAGGA CTITICAAGTA TIGIGIGIAGGA CTITICAAGTA TIGIGIGIATICICT GGTCCTTTAC GAAGAAATTIG GTTATTIGIGT ACGAAGGGGT TTTIGACTTCC TIGATTIGCCCT
303051 303101 303151 303201 303251 303301 303451 303451 303651 303651 303751 303851 303901 303951 303951	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTICTTACTTA TCTTTCCTAC TTICTTACAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATATA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATTGA AGTTGGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGTC ACTIGTAGCCT TITGTICTTT TCCATATGAA GGTAGTTTGA GGCCATTITC TCCATTIGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTCT ATTTTGTATC ATTTTGTATC TTGGGCTGAG ACAGGGCACAA TICTCCTTCC GAGTGGTGAC	AGACATGAAG TITICCICTAG CATCTITGAAT CTITICTACAT AATCCTITICC TITATAGATAT TATATICICTG TIGAGTATAG TIGAGTATAG TIGAGTATAG TIGAGTATAG TIGAGTATCGA COTATICCICT GGICCTITAC GAAGAAATTG GITATTIGGIG CTIGAGAGTTT ACGAAGGGGTT TACGAAGGGGTT TIGACTTCC TIGATTIGCCCT AGAGGGCATC
303051 303101 303151 303201 303251 303301 303451 303451 303651 303651 303751 303851 303901 303951 303951	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTICTTACTTA TCTTTCCTAC TTICTTACAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATTCAT ATCCTTTTTATATATA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATTGA AGTTGGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTC TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG TTCACTCATG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGTC ACTIGTAGCCT TITGTICTTT TCCATATGAA GGTAGTTTGA GGCCATTITC TCCATTIGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTCT ATTTTGTATC ATTTTGTATC TTGGGCTGAG ACAGGGCACAA TICTCCTTCC GAGTGGTGAC	AGACATGAAG TITICCICTAG CATCTITGAAT CTITICTACAT AATCCTITICC TITATAGATAT TATATICICTG TIGAGTATAG TIGAGTATAG TIGAGTATAG TIGAGTATAG TIGAGTATCGA COTATICCICT GGICCTITAC GAAGAAATTG GITATTIGGIG CTIGAGAGTTT ACGAAGGGGTT TACGAAGGGGTT TIGACTTCC TIGATTIGCCCT AGAGGGCATC
303051 303101 303151 303201 303251 303351 303401 303551 303601 303651 303701 303751 303851 303851 303951 304001 304051	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTICTTAGATTAGATCT GCCTGAGATTG TTICTTAGATA GGCCAGAACT CCTGTCTTGT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATTC CCATGAGCATTC TTCACTCATG CTTGTGATTC TTCACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG ATTGACATTAGCT TACAGTCATG ATTGACATCATG ATTGACATCATG ATTGACATCATG ATTGACATCATG ACCAGTTTTC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITTCAG TTAACTAAGG GATCAGATAG TCCATTIGTC TTAGTICTT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTIGTT TCTTT CTGTTTGTCT ATTTTTGTATC TTGGGCTGAG ACAGGGACAA TTCTCCTTCC GAGTGGTGAC CTTCCAGTTT	AGACATGAAG TITICCICTAG CATCTTIGAAT CTITICTACAT AATCCITTCC TTATAGATAT TATATCICTG TGTAGTATAGA TGGGGTTAGGA CTITICAGTA TGGGGATGGC ACGATATCGA CGTATCCICT GGTCCTTTAC GAAGAAATTG GTTATTTGGTG CTGAGAGTTT ACGAAGGGGT TTTTGACTTCC TGATTGCCCT AGAGGGCATC TTGCCCATTC
303051 303101 303151 303201 303251 303301 303401 303451 303501 303651 303701 303751 303801 303851 303901 303951 304001 304051 304051	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAAGTCA TTIGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTICTTACTA TTICTTACTA TGATTGGTA TGATTGGTA TGATTGGTA TGATTGGTA TGATTGGTA TGATTGGTA TGATTGGTA TCTTTTCTA TGATTGGTA TCTTTGTA TGATTGGTAGTTGTA TCTTTTCTA TGATTGGTAGTTGTA TCTTTTTCTA TGATTGGTAGTTGTA TCTTTTTTTTTT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC AGTACCATGC AGTACCATGC AGTACCATGC ATACTGTGAA ATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATTC TCACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG ATTGAATACC TCCAACACTA ACCAGTTTTC TTGCCTGTGGG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TIAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGTAGCCT TITIGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTITC TCCATTIGTT TCGGTTGAGA ACAGGGACAA TICTCCTTA ATTCCCAGTTT ATAGCTCTTA	AGACATGAAG TITICCTCTAG CATCTTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATICTCTG TGTAGTATAGA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG CTGAGAGTTT ACGAAGGGGT TTTTGACTTC TGATTGCCCT TAGAGGGCATC TTGCCCATTC CTATTTTGAG
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303051 303101 303151 303201 303251 303301 303451 303451 303551 303651 303751 303751 303851 303951 303951 303951 304101 304151	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGAATACC TTTGAAGTCA TTGAAGTCA ATTGAATCTG TTCTTCCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTICTTACTA TCTTTCTAC TTTCTACTAC TTTTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTTCTACATA TCTTTTCCTAC TTTCTACTAC TATAAGAACG GCTGAAGTTG TTTCTACATA TCTTTTCCTAC GGCCAGAACT CCTGTCTTGT AGTATGATAT ATACGTCCCA	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGC GGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCAGTCA TGAGCAGTCG AGTTGGATTT CTTATCAGCT TACAGTCATG ATTGAATACCT TCCAACAGTCATG ATTGAATACCT TCCAACAGTCATG GCCAGTTTTC TGCCTGTGGG TCCAACACTCA TCGACCACTTCCACCACT	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TIAACTAAGG GATCAGATAG TCCATTIGGTC ACTIGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTTGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTCT ATTTTGTATC TTGGGCTGAG ACAGGGCACA TTCTCCTTCC GAGTGGTGAC ACAGGGCACA TTCTCCAGTTT ATAGCTCTTA AGTTTTTAGC	AGACATGAAG TITICCTCTAG CATCTTIGAAT CTITICTACAT AATCCTTTCC TTATAGATAT TATATICTCTG TGTAGTATAG TGGGCTTAGGA CTITICAAGTA TGGGGATGGC ACGATATCGA CGTATCCTCT GGTCCTTTAC GAAGAAATTG GTTATTGGTG CTGAGAGTTT ACGAAGGGGT TTTGACTTCC TGATTGCCCT AGAGGGGCATCC TGATTGCCCT AGAGGGGCATC CTGATTTTGAG ATGAAGGGTT CTATTTTGAG ATGAAGGGTT
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303051 303101 303151 303201 303251 303301 303351 303451 303551 303551 303651 303751 303851 303851 303851 303901 304951 304101 304151 304201 304251 304301 304351	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCCA ATTGAATCTG TTTTTCCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTTTTCCTAC GCCAGAACT CCTGTCTTGT AGTATGATAT ATACGTCCCA GTTGAATTTT TTTGTTTTTTTTTT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GATACCATGA AATGTAGGCT ATTCTGTGAA ATGTAGGCAT TGAGCAGTGA AGTTGGATTC CCATGAGCAT TGAGCAGTCG AGTTGGATTC TTCACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG ATTGAATACCT TCCAACACTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGGT TGAATGCCTA TGGCTTGCATC TGATGGGCTG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTIGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTATC ATTTTGTATC ATTTTGTATC TTGGGCTGAG ACAGGGACAA TTCTCCTTCC GAGTGGTGAC CTTCCAGTTT ATAGCTCTTA AGGTTTTACT AGGTTTTACT AGGTTTTACT TAGCTCTTAC TTTGCCAGTA TTTGCCAGTA TTTGCCAGTA TTTGCCAGTA	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATCCTITIC TITATAGATAT TATATICTICT TIGATATAG TIGACTTAGA TIGACTTAGA CTITICAGTA TIGGGGATGGC ACGATATICGA CGTATICCTC GAAGAAATTIG GITATTIGGTIG CTGAGGGTT ACGAGGGGT TITGACTTCC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACT TIGACTTCC TIGACTTC TIGACTTCC TIGACTTC TIGACT TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACT
303051 303101 303151 303201 303251 303301 303351 303451 303551 303551 303651 303751 303851 303851 303851 303901 304951 304101 304151 304201 304251 304301 304351	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTTGAAGTCA TTGACTTGGC GTTTTTTCCA ATTGAATCTG TTTTTCCTAC TTTATTTCAT ATCCTTTGTA TGAATGGGAG TATAAGAACG GCTGAAGTTG TTTTTCCTAC GCCAGAACT CCTGTCTTGT AGTATGATAT ATACGTCCCA GTTGAATTTT TTTGTTTTTTTTTT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA GATACCATGA AATGTAGGCT ATTCTGTGAA ATGTAGGCAT TGAGCAGTGA AGTTGGATTC CCATGAGCAT TGAGCAGTCG AGTTGGATTC TTCACTCATG CTTGTGATTT CTTATCAGCT TACAGTCATG ATTGAATACCT TCCAACACTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGGT TGAATGCCTA TGGCTTGCATC TGATGGGCTG	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGTITCAG TTAACTAAGG GATCAGATAG TCCATTIGGTC ACTGTAGCCT TITGTICTIT TCCATATGAA GGTAGTTTGA GGCCATTTTC TCCATTIGTT TCCTTGAAGA TATTCTCTTT CTGTTTGTATC ATTTTGTATC ATTTTGTATC TTGGGCTGAG ACAGGGACAA TTCTCCTTCC GAGTGGTGAC CTTCCAGTTT ATAGCTCTTA AGGTTTTACT AGGTTTTACT AGGTTTTACT TAGCTCTTAC TTTGCCAGTA TTTGCCAGTA TTTGCCAGTA TTTGCCAGTA	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATCCTITIC TITATAGATAT TATATICTICT TIGATATAG TIGACTTAGA TIGACTTAGA CTITICAGTA TIGGGGATGGC ACGATATICGA CGTATICCTC GAAGAAATTIG GITATTIGGTIG CTGAGGGTT ACGAGGGGT TITGACTTCC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACT TIGACTTCC TIGACTTC TIGACTTCC TIGACTTC TIGACT TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACT
303051 303101 303151 303201 303251 303351 303451 303451 303551 303601 303751 303751 303751 303951 303951 304001 304051 304251 304251 304351 304351	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTIGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG GCTGAAGTTG GTTGAAGTCA GGCCAGAACT CCTGTCTTGT AGTATGATAT ATACGTCCCA GTTGAATTTT TTTGTCTTTG TGTTGAACCTAT TTTTTTCTTTG TGTTGAACCTAT TTTTTTCTTAGATAT TTTTTTTTTT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AGTTTAGGCT AGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATT TGAGCAGTGG AGTTGGATT CTTATCAGCT TTACAGTCATG ATTGAATACCT ATTGAGTCATG ATTGAATACCT TGCAGTGAGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA TGCATGGCTT TGCATGGCTT TGATGGGCTG TCGATGGCTT TGGTTGGGTTCATTGCATTC TGGTTGGGGTTGTTCATTGCATTC TGGTTGGGGTTGTTCATTGCATTC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGT ACTIGGAGCCT TITGTICTIT TCCATATGAA GGTAGTITGA GGCCATTITC TCCATTIGTT TCCTTGAAGA TATTCICTIT CIGITIGICT ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC CTAGGGTGAG ACAGGGACAA TICTCCTTCC GAGTIGGTGAC CTTCCAGTTT ATAGCTCTTA AGTTTTTACC CTATTGAGAT TACATTTACT AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA TACATTTACAAA	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATOCHTIC TITATAGATAT TATATICICTG TIGAGATAT TATATICICTG TIGAGATAT TATATICICTG TIGAGATAT TIGAGATAT TIGAGATAT TIGAGATAT TIGAGATAT TIGAGATAT TIGAGAGATT TIGAGAGATT AGAGAGGGT TITIGACTTCC TIGATTTIGAG ATGAGGGTT AGAGGGGTT AGAGGGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATOGTIGGTT AATTIGAA TICTICTITTT
303051 303101 303151 303201 303251 303351 303451 303451 303551 303601 303751 303751 303751 303951 303951 304001 304051 304251 304251 304351 304351	TTICTIGCACA GGTTTTTATG TAATTTTTGT ATGGCTAGCC CCATTTCTTG GTGGCATTAT TTTTGATACC TTIGAAGTCA TTIGAAGTCA ATTGAATCTG TTICTTCCTAC TTICTTCCTAC TTIATTTCAT ATCCTTTGTA TGAATGGGAG GCTGAAGTTG GTTGAAGTCA GGCCAGAACT CCTGTCTTGT AGTATGATAT ATACGTCCCA GTTGAATTTT TTTGTCTTTG TGTTGAACCTAT TTTTTTCTTTG TGTTGAACCTAT TTTTTTCTTAGATAT TTTTTTTTTT	TIGCTATGTC GTTTTAGGTC ATAAGGTGTA AGTTTTCCCA TTTTTGTCAG TTCTGAGGGC AGTACCATGA AGTTTAGGCT AGTAGCATGA AATGTAGGCT ATTCTGTGAA TAAATTACCT CCATGAGCATT TGAGCAGTGG AGTTGGATT CTTATCAGCT TTACAGTCATG ATTGAATACCT ATTGAGTCATG ATTGAATACCT TGCAGTGAGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA GCCAGTTTTC TGGCTGTGGG TCAATACCTA TGCATGGCTT TGCATGGCTT TGATGGGCTG TCGATGGCTT TGGTTGGGTTCATTGCATTC TGGTTGGGGTTGTTCATTGCATTC TGGTTGGGGTTGTTCATTGCATTC	GCCATTGCTT CTGAATGGTG TAACATTTAA AGGAAGGGAT GCACCATTTA GTTTGTCAAA TCTGTTCTGT	TIGCCTAGGT GICTITAATC CCAGITICAG TTAACTAAGG GATCAGATAG TCCATTIGGT ACTIGGAGCCT TITGTICTIT TCCATATGAA GGTAGTITGA GGCCATTITC TCCATTIGTT TCCTTGAAGA TATTCICTIT CIGITIGICT ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC ATHTIGTATC CTAGGGTGAG ACAGGGACAA TICTCCTTCC GAGTIGGTGAC CTTCCAGTTT ATAGCTCTTA AGTTTTTACC CTATTGAGAT TACATTTACT AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA AGCCCACTTA TACATTTACAAA	AGACATGAAG TITICCICTAG CATCHTIGAAT CTITICTACAT AATCCTITIC TITATAGATAT TATATICTICT TIGATATAG TIGACTTAGA TIGACTTAGA CTITICAGTA TIGGGGATGGC ACGATATICGA CGTATICCTC GAAGAAATTIG GITATTIGGTIG CTGAGGGTT ACGAGGGGT TITGACTTCC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACTC TIGACTTCC TIGACT TIGACTTCC TIGACTTC TIGACTTCC TIGACTTC TIGACT TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACTTC TIGACT

204501					
			CTCTCCT		
			CCTTGTACCT.		
304601	ATCCATCTGG	TOCTGGACTT	TTTTCGTTG	GTAAGCTATT	AATTATTGCC
			TGGTCTATTC		
304701	TTTTAGTCTT	GGGAGGGTGT	<b>ATGTGTCGAG</b>	<b>GAATGTACCC</b>	ATTICITCIA
			TAGAGGTGTT		
			<b>GGTGGTGATA</b>		
			CICITICIT		
			TTTTCAGAAA		
			TGIGICIATT		
			TGCTAGCTTT		
			GATGTCAGGG		
			TAGTGCTATA		
			TCTGGTACGT		
			TCTGCCTTCA		
			CAGTTTCCAT		
			CTAGTTTGAT		
			CTTTTACATT		
305401	CCAACTATGT	<b>GGTCAATTTT</b>	<b>GGAATAGGTA</b>	TGGTGTGGTG	CTGAAAAGAA
305451	<b>TGTATATTCG</b>	<b>GTTGATTTGA</b>	<b>GGTGGAGAGT</b>	TCTGTAGATG	TCTATTAGGT
305501	CCACTTGGTT	<b>AAGAGCTGAG</b>	TTCAATTCCT	<b>GGGTATCCTT</b>	GTTAACTTTC
305551	TGTCTCGTTG	<b>ATCTGTCTAA</b>	TGTTGACAGT	<b>GGGGTGTTAA</b>	AGTCTCCCAT
305601	TATTATTGTG	TGGGAGTCTA	<b>AGTCTCTTTG</b>	TAGGTCCCTA	AGGACTTGCT
305651	TIGIGAATCT	GGGGCTCTT	<b>GTATTGTGTG</b>	CATATATATT	TAGGATAGTT
			TCCCTTTACC		
			GTTTAAAGTC		
			TGTTTTCCAT		
			ATGIGIGICT		
			CACTGATGGG		
			TTGGAGCATT		
			TTTGATCCTG		
			GCAGTTTCTT		
			GTGGCTGGTA		
			TAAAGAGGAA		
			<b>AGATTAATAA</b>		
306251	ATAGAAGCCA	TGCAAAGCAG	AACACAAGGA	AATGACATAT	TTCAAGTGCT
306301	<b>AAGTGGATGA</b>	ATCTCAGTCA	GATTATTCGG	ΔΔΤΔCΤΔΔΤΔ	CCGTTCATTT
206351				~~··~	331133111
20027T	ATTTAGTACA	<b>TATTGTAAAC</b>	CAGAAATTAT		
				<b>GCTGATTATT</b>	TTAATATGCA
306401	TTATCTCATT	TAATCCTTAC	CAGAAATTAT	GCTGATTATT AGAGGCAACT	TTAATATGCA AGAATTAACA
306401 306451	TTATCTCATT CATTTTAGAG	TAATCCTTAC GTGAAGAAAA	CAGAAATTAT AGCAACCCGG	GCTGATTATT AGAGGCAACT AGAAGCCAAG	TTAATATGCA AGAATTAACA GGACTTGGCT
306401 306451 306501	TTATCTCATT CATTTTAGAG AATAAATGTT	TAATCCTTAC GTGAAGAAAA ACACACTTAG	CAGAAATTAT AGCAACCCGG TGAGGCTAAG	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA
306401 306451 306501 306551	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG
306401 306451 306501 306551 306601	TTATCTCATT CATTITAGAG AATAAATGTT TATGATTAAC AACATATACA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG
306401 306451 306501 306551 306601 306651	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA
306401 306451 306501 306551 306601 306651 306701	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA
306401 306451 306501 306551 306601 306651 306701 306751	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA
306401 306451 306501 306551 306601 306651 306701 306751 306801	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGGATGG	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT
306401 306451 306501 306551 306601 306651 306751 306751 306801 306851	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TCGAGGCTTAT CTGAGGATGG TTTCTGGCAT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGCAATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA
306401 306451 306501 306551 306601 306651 306751 306751 306801 306851 306901	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATTGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAGTAT	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGATGG TTTCTGGCAT AGTTATAAGT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGCGAATCAT AAATGTCTAA ATTCTAAGGAT ATAACATTTA AGTCTAAGTG	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA
306401 306451 306501 306551 306601 306651 306751 306751 306801 306851 306951	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAA TTTTAAGTAT GTGCCCAAGTG	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT CTGTGGAAGG	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGATGG TTTCTGGCAT AGTTATAAGT ACATTGGAGG	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGCGAATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGTG GAAAAAGCTA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG
306401 306451 306501 306551 306601 306651 306751 306801 306851 306951 306951	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAGTAT GTGCCAAGTG GGAGATTAGG	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGGCACAA TTAAAAAAAAT CTGTGGAAGG AAAGGCTTCC	CAGAAATTAT AGCAACCOGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGATGG TTTCTGGCAT AGTTATAAGT ACATTGGAGG CTGAGTTATT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAAGGAT ATAAACATTTA AGTCTAAAGTG GAAAAAGCTA GATTTTAAG	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GAACAATACA TGAAAGAAA TTAATCAA TTCTGAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA
306401 306451 306501 306551 306601 306651 306751 306801 306851 306901 306951 307001 307051	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAAAAA TTTTAAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC	CAGAAATTAT AGCAACCOGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAGCTTAT CTGAGGATTGA TTTGATGGATGA TTTTTTTTTT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGTTA AGTCTAAGTTA GAAAAAGCTA GAAAAAGCTA GATTTTAAG AGATTGGACA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA
306401 306451 306501 306551 306601 306651 306751 306801 306851 306901 306951 307001 307051 307101	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATA TTATATTCAA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC	CAGAAATTAT AGCAACCOGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAGCTTAT CTGAGGATTGA TTTTTTTTTT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGTTA AGTCTAAGTTA AGTCTAAGTTA AGTCTAAGTTA AGTCTAAGTTA AGTCTTAAGTA GAAAAAGCTA GAAAAAGCTA GATTTTTAAG AGATTGCAGA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GCAAAAGATCA GCAGAATCTGA CAAAAGATCA GGTTGAAGAG
306401 306451 306551 306551 306601 306651 306751 306801 306851 306951 307001 307051 307151	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAAAAA TTTTAAAGTAT GTGCCAAGTG GCAGATTAGG TGAGTGAATA TTATATTCAA AGCATAGTAT	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGGTTGG TTTCTGAGGAT AGTTATAAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAG TAAAGACAGT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGGAT AGACTAAGTG GAAAAAGCTA GATTTTTAAG AGATTTGACA ACATTGCAGA ACATTGCAGA GGGAAACAAA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GGAAAAGATCA GGTTGAAGAG TGAAGAGTCTGA CAAAAGATCA GGTTGAAGAG TGAAGCTTTT
306401 306451 306551 306551 306601 306651 306751 306851 306851 306951 307001 307051 307151 307201	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAAAAA TTTTAAAAAAA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC GGTGGAGGGT	CAGAAATTAT AGCAACCOGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGATGG TTTCTGGAGTAG TTCTGGAGTAG AGTTATAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAG TAAAGACAGT TGCTGGCAAT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT ATGTAACATTTA AGTCTAAGGAT ATGCATAGTTG GAAAAAGCTA GATTTTTAAG AGATTTGACA ACATTGCAGA ACATTGCAGA AGATCATTA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTGA CAGAATCTGA CAGAATCTAAAAA
306401 306451 306551 306651 306651 306671 306751 306851 306851 306951 307001 307051 307151 307201 307251	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAAAAA TTTTAAAAAAA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC GGTGGAGGGT CATTCCAGCA	CAGAAATTAT AGCAACCOGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TGGAGCTTAT CTGAGGATGG TTTCTGGCAT AGTTATAAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAG TAAAGACAAGT TGATGAGAT TGCTGGCAAT ACCTCTAAGA	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATGGAATCAT AAATGTCTAA TTCTAAGGAT ATGAACATTTA AGTCTAAGGAT ATGACATTTA AGTCTAAGGT GAAAAAGCTA GATTTTAAG AGATTTGACA ACATTGCAGA AGATTGCAGA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGATCTG CAGAATCTGA GGTTGAAGAG TGAAGCTTTT GCCTTAAAAA AGGAATGTGG
306401 306451 306551 306651 306651 306671 306751 306851 306851 306951 307001 307051 307151 307201 307251 307301	TTATCTCATT CATTTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATA TTATATTCAA AGCATAGTAT TAAGGATGTT TAAGGATGTT ATTAAGATGTT AAGGATGTG ATCATTTCAT CAAGAGTAGA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT CTGTGGAAGAA ATAGGTACTC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC GGTGGAGGGT CATTCCAGCA CACGAGGATA	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TCGAGGATGG TTTCTGGCAT AGTTATAAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAG ATTTGATAAG TTGAGGATTATT CAGAGCAAAG ATTTGATAAG TTGAGGACAGT TACAGCAAAG ATTTGATAAG TAAAGACAGT TGCTGGCAAT ACCTCTAAGA AATGTGAGGA	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATTCAGGATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGTG GAAAAAGCTA GATTTTTAAG AGATTGGACA ACATTGGACA ACATTGGACA ACATTGCACA ACATTGCACA ACATTGTTA ACAGTCTTTG AGTGGTTCAA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GGTTGAAGAG TGAAGCTTTT GCCTTAAAAA ACGGAATGTGG ACAGTGGGAA
306401 306451 306551 306651 306651 306651 306701 306751 306851 306901 307051 307051 307101 307151 307201 307251 307351	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATT TTATATTCAA AGCATAGTAT TAAGGATTAT TAAGGATTAT TAAGGATTAT CAAGAGTAGA CAGAACAAAG CAGAACAAAG	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC GGTGGAGGGT CATTCCAGCA CACGAGGATA TGGACAAAGC	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TCTGAGGATGG TTTCTGGCAT AGTTATAAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAG TAAAGACAGT TGCTGGCAAT ACCTCTAAGA AATGTGAGGA TACCTCTAAGA AATGTGAGGA TACCTTACATG	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATTCAGGATCAT AAATGTCTAA TTCTAAGGAT ATAACATTTA AGTCTAAGTG GAAAAAGCTA GATTTTAAG AGATTGGACA ACATTGCAGA GGGAAACAAA AATCATGTTA ACAGTCTTTG AGTGGTTCAA GAATATACAA	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAATACA GGAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GGTTGAAGAG TGAAGCTTTT GCCTTAAAAA AGGAATGTGG ACAGTGGGAA AATTTGGCAA
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306401 306451 306551 306651 306651 306651 3066751 306851 306851 306901 307051 307051 307101 307151 307201 307251 307351 307451 307451 307451 307551 307651 307651 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAACA AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATA TTATATTCAA AGCATAGTAT TAAGGATTAT TAAGGATTAT TAAGGATTAGA CAGAACAAAG TTTTGGATGGA GATGATGGAA GAAAATTATT AGAGAGATAT TTGGACCAA ATATCGTATG TATTAAATGT TTTCAGAATAC GCAAATCATA GACTGATCAG GCAAATCATA GACTGATCAG GCAAATCATA GACTGATCAG	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGCTGCAC GTTCTTATTC GGTGGAGGGT CATTCCAGCA CACGAGGGTTA TGGACAAAGC AGGAAAGGAT TGGACAAAGC AGGAAAGGAT TGGACAAAGC ATGCGGTTTC AGATATCTTT CAAGTAGCCA TATCTAGTCA GCAAAAGGAT TTTATTGCTA GCTTTGCTG GGTGGTGGTT GGTGGTGGTT TTTCCTT GGTTGGTGGT GGTGGTGGTT TTTGCTT GGTGGTT TTTGCTT GGTGGTGGTT TTTGCT TTTGC TTTGC TTTGC TTTGC TTTGC TTTG TTTTG TTT	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TCTGAGGATGG TTTCTGGGATGG TTTCTGGGATGG TTTCTGGGATGG TTTCTGGGATAT ACATTGGAGG TAAGACAGT TGCTGGCAAT ACCTCTAAGA AATTGGAGGA TACCTCTAAGA AATTGGAGGA TACCTCTAAGA AATTGGAGGA TACCTCTAAGA AATTGGAGGA TACCTCTAAGA AATTGGAGAATTG CTGAGAATTG CTGAGAATTG ATTTGGATAT GTTTGACACA TTTGGGAATCA GATCAGCAAA TATGTCTAAA AAAAAATGCT GTGGGTCTTG GCTGAAGGTT	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATTCAGGATCAT AAATGTCTAA TTCTAAGGAT ATTAACATTTA AGTCTAAGTG GAAAAAGCTA GATTTTAAG AGATTGTAA ACATTTTAAG AGATTGTAA ACATTTTAAG AGATTGTTA ACAGTCTTTG AGTGGTTCAA GAATATACAA CACAGTTCTT AAATATCGCA ACCTGTATGC CTGGTGCTCT TTTATATGCA ATAAAGTGAG AAAACAATTT AGCAATCATC CCTCCATAAA GAAGTGGCTA	TTAATATGCA AGAATTAACA GGACTITGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATITATCAA GAACAATACA GGAAAGAAA TAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GGTTGAAGAG TGAAGCTTTT GCCTTAAAAA ACATTGGGAA AATTTGGCAA AAGTTCTGG ACAGTGGGAA AATTTGGCAA AGGTTTCTGG AGTTTTTTGGAGATTT GAGGAGAATTTTTTTTTT
306401 306451 306551 306551 306601 306651 3066751 306851 306851 306901 307051 307051 307151 307201 307251 307251 307351 307451 307451 307451 307451 307551 307601 307651 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751 307751	TTATCTCATT CATTTAGAG AATAAATGTT TATGATTAAC AACATATACA TTGTGGTACG GCACATTAGA AGTATGGTTC TGTGGTAATT ATTAAAAAAA TTTTAAGTAT GTGCCAAGTG GGAGATTAGG TGAGTGAATA TTATATTCAA AGCATAGTAT TAAGGATGTAT TAAGGATGTG ATCATTTCAT ACAGAGTAGA CAGAACAAAG TTTTGGATGT GATGATGT GATGATGT TATTAAATTT ACAGAGTAGA CAGAACAAAG TTTTGGATGT TATTAAATTT TAGAGAGTATG TATTAAATTGT TTTCAGAATAC GCAAATCATA GACTGATCAG TTAAGGATTAA	TAATCCTTAC GTGAAGAAAA ACACACTTAG ATAAGCCATG TAACTTAAAT AATGTTTGAA TATTCCAGGC TITTATCCTTA CTAGGTACTT ACCAGCACAA TTAAAAAAAAT CTGTGGAAGG AAAGGCTTCC ATCTGTTAGC AGGGCTGCAC GTTCTTATTC GGTGGAGGGT CATTCCAGCA ATGGACAAAGCAA TGGACAAAGCAA ATGGACAAAGCAA ATGGACAAAGCAA ATGGACAAAGCAA ATGGACAAAGCAA ATGGACAAAGCAA ATGGACAAAGCAT TTTATTGCTTCA GCAAAAGCAT TTTATTGCTTG GGTGGTGGTT CAGTGAAGTT CAGTGAAGT CAGTAAGT CAGTGAAGT CA	CAGAAATTAT AGCAACCCGG TGAGGCTAAG CAAATGGAAA TCTCCTCTTA TTGATAGGTA AATTGCTGTC TGGAACTGGA TCTGAGGATGG TTICTGGCAT AGTTATAAGT ACATTGGAGG CTGAGTTATT CAGAGCAAAG ATTTGATAAGT TACATGGAGA TACTTCTAAGA AATTGGAGA TACTTCTAAGA AATTGGAGGA TACTTACATG AAAGAACAGT TGCTGAGAATGG CTGAGAATGG ATTTGGATAT GTTTGACACA TTTGGATAT GTTTGACACA TTTGGAAATCA CATCAGCAAA AAAAAATGCT GTGGGTCTTG	GCTGATTATT AGAGGCAACT AGAAGCCAAG ATTCAGGATT CTATTAACCA AGCTGATTGG AGTCAGCAAG ATTCAGGATCAT AAATGTCTAA ATTCTAAGGAT ATAACATTTA AGTCTAAGTG GAAAAAGCTA GATTTTAAG AGATTGCAGA AGATTGCAGA ACAGTTCTT AAATATCGCA ACCAGTTCTT AAATATCGCA ACCTGTATGC CTGGTGCTCT TTTATATTGCA ATAAAGTGAG AAAACAATTT AGCAATCATC CCTCCATAAA GAAGTGGCTA ATTGACTCT AGAAGTGCCTT AGCAATCATC CCTCCCATAAA GAAGTGGCTA ATTGACTCTT	TTAATATGCA AGAATTAACA GGACTTGGCT TCAAACCAGA TAACTGGTAG AGGCTATTTG TATTTATCAA GAACAATACA GGAAATGATAT TGTTCAATAA TTCTGAATAA ACATAGTCTG CAGAATCTGA CAAAAGATCA GGTTGAAGAG TGAGCTTTT GCCTTAAAAA AGGAATGTGG AGTTTTGGCAA AGGTTTCTGG AGTTTTTGGCAA TGTGTCAGTT GAGGAGAAAT TACTTTAGAG TTTTTTAGAG TTTTTTAGTT TGAGCCTTCA GATGACTGCT TTTTTTATTCT TGAGCCTTCA GATGACTGCT TTTTTTAGAG TTTTTTAGAG TTTTTTAGAG TTTTTTTT

# FIGURE 3JJJJ

308001 ATAACTTITA AAACTGGAGT CAATTCTCTC TGCCACTGCT TTATCAACTA 308051 AGTITATGTA ATATCCTGAA TTATTTGTTG ACATTTCAGT AAGGTTCACA 308101 GOGTCTTCAC CAGGAGTAGA TTTCATCGCA AGAAACCACT TTCTTGGCTC 308151 ATCCATAAGA AACAATTCTT CATTCAAGTT TTTTCATGAG ATTCCTGCAA 308201 TTCAGTCATA ATTTCAGGCT CCACTTCTAA TCCTAGTTCT ATTCCTATTT 308251 TCACCCCATT TGCAGTTACT TCCCTCCACT GAAGTCTTAA ACCCCTCAAA 308301 GTTATTCGTG AGGGTTGGAA TCAACTTCTT CCACACCCCT GTTAATGTTG 308351 ATATTTTGAC CTCCCCTGAA TCATGAATTG ACCTTCTCCC CTGAGTCATG 308401 AATGTTCTTA ATGACATCTA GAATAGTGAA TCCTTTCCAG AAAGTTTTCC 308451 GTTTACTTTG CCCATATTCA TTAGAGGAAT CACTATCTAT GACTGCTGTA 308501 GCCCTACAAG ATGTATTTCT TAATAAGACT TGGGAGTCTA AATTATTCTT 308551 TAATTCATGA GTTGCAGAAT GGATGTTGTG TTAACAAGGC TTGAAAACAA 308601 cactaatcta catctccatc agagttgttg gctgactagg tacactgaaa 308651 ATGATCAGTA ATATTTTGAA AGGAATCATT TTATCTGAGT AGTAAGTTTC 308701 AACAGTGGGC TTAAAATATC CAGTAATCAT GCTATAAACA AAGTGTTGTC 308751 TTGCAGGCTT GGTTGTTCCA TTTATAGAGA CAGGAAGAGT AGACTTAGCA 308801 TATTCTTAAG AGCCCTAGGA TTTTCAGAAG GGTAAATGAG CACTGGCTTC 308851 AACTTATATT TACCAACTGC ATTAGCCCCC AACAAGAGAG TCAGCCTATC 308901 CTTTGAAGTT TTGAAGCCAG GCATTGATTT CTCTCTAGCT ATGAAAGTCC 308951 TAGATGACAT CTTCTTCCAA TATAAGGCTG TTTCATCTAC ATTGAATATC 309001 TGTTGTTTAG TGTGGCCACC TTCCTCAATT ACCTTAGCAA CATGTTTTAA 309051 ATAACTTGCT GCAATTTCTG TATCATCACT TGCTGCCTGA CCATGCACTT 309101 TTATGTTATA AAGACTGCTT CTTTTCTTAA ACTTCATCAA CCAACCTCTG 309151 CTAGCTTCAA ACTTTCTTCT GCAGCTTCTT CACCTCTCTC AGCCTTCACA 309201 GAATTGAAGA GGGTTAGGGC CTTGCTTTGG ATTAGGCTTT GGCTTCAAGG 309251 AATGTTGTGG TTGGTTTGAT CTTTTATCCA GATCACTCGA AGTTTCTCCA 309301 TATCATCAGT AAGACTGTTT TGCTCTCTTA GTATTCATGT GTTCACTAGA 309351 GTAGCACAAT TTCCTTGAAG AGTTTTTCCT TAGCATTCAC AATTTGCTTA 309401 CTGATTGGCA GAGGAGGCCT AGCTTTTGGC CTTTCTCAGT TTTCAATGCA 309451 CCTGCTTCAC AAAGCTTCAT CACTTCTAGC TTTTTATGTA AAGTGAGAGA 309501 TGTGGGACTC TTCCTTTCAC TTAAATACTT AAAGGCCATT GTAGGGTTAT 309551 TCATTGGCCT AATTTCATTA TTATTGTGAC TCAGGGCATA GGAAGGCCCA 309601 AGGAGAGGAA GAAAAGCAGG GAACAACCAG TTGGTGGAAC AATCAGAATA 309651 CACACAACAT TTGTCAGTTA AGTTTACCAT CTTATATGGG CATGGTTTGT 309701 GGTGACCCAA AATAATTACA GTAAAAACAT CAAAGAACAG TGATCACAGG 309751 TCACCATAAT AAATATTATA ATAATGAAAA GTTTAAAATG TTGCAAAATT 309801 ACCAAAATGT GACACAAAGA CAAGAAGTGA GCACATGCTG TTGGAAAAAT 309851 GGCTGCAGTA GACTTGCTCA ATGCAGGGTT GCCACAATTT ACAATATAAT 309901 ACATTGTATT ATAAAAAATA CAATATCTGC AGAGCCCAGT AAAGCATAGT 309951 GCAATAAAAT GAGGTGTGCT TGTATTTATA GATGATATCT AAAGTCAAAG 310001 AATGGGTGGA ACAGTGAAGA CGAAGAAAAA GAAGAAAGTT AAGTATAAGC 310051 TCTGAGGCAC TTCAACTTTT AAATTTAGCC AGAGGGGGAG GAGCCAGCAA 310101 GTAACAATGC ATGAATAGGA ATATCTAGAG AAATAAGAGG TATAATGTGG 310151 AGTGTCAGAA GCCAAAAGCG AAGTGTGTTA AGAACAAAAG TGTAGTTCAT 310201 CTTTTCCAAT CCTGCTGAAA ATTAGGGCAA GATACAGACA GAAAAGGCAT 310251 TTCTTAAAAT TTTAACAACC TGGAATTCAT TCATGATTTT AACAAGAATC 310301 ATTTTGGTGG AGTGAGAGGG ACAGATTTGA GTCAGCTGAG AAAAGTGTGA 310351 CAAATGAGGA ACCAGAGACA GAGCTTAAAC AATTCTTTAG CTATGAGTGT 310401 GGAAGAAAGA GATTGGGCAA TAGCTAAGAC AGGATAATGT GTTGAACGAG 310451 ggtttttagt aggcaggaga tatctgatgg aaaagagcaa atagagaact 310501 TGAAGATACT GCATTGGGGG ATGATTGCAG TGCAATGTTA TGTCGTGGCA 310551 GAATGAGGTG GGATTGGGAG AGATTGCTCT TAGATAAGAA GAATTGCTGG 310601 TCTGATGTAA AGTTAGGCAA AATATTTTAA AACATACTAT TAAAGCTAAC 310651 TGTCAATTICT TAGCATCACA ATGAAATCAT GAAAACCCCG CAGGTGCTTC 310701 GCAGTTCCTA CAGGGAATCT TCCTTGTTAC AACAACAACA AAGCAAAAGA 310751 AGACACCAAA CCGACCAACA GCAAGGAGTA ATATTGAATA TTCAAAAATA 310801 AAATCTATTC CTTGACTTCA AATCATTAAA GTAGAGCTGC CTATTTAAGA 310851 ACTTITATTT GCACAGTCCT ATTAATTTTA ATGCCTAAAG CAGTGTTAAT 310901 CGCATGACCC ACGTGAAAAG ATTTTAAAAA TTGCTTTGTT AGAAAATGTA 310951 ATAGACTTGT CGTTAAAGTT TTCAAACTCT TTTTTAAAGA TTTGTAATAT 311001 TIGGCTAGAG TICCATITAT TITICTITAAA AAAATTATGI ACACACACAC 311051 ACGCACACAC ACACACACAC ACAGTCACTC CTATCCCGCA CCCTCAGAGA 311101 AAGTTTGAGA TTATACAGCC ACATCTGTCA GAGCTGTGCT AACCTATGTC 311151 ATCCATCTGT TCTGGTTATA TTTTCCTTCC CTTTCCTCTC TTTTTCTTCC 311201 ATTCTCCCCA GCCTTTAAAA GAAAAAAGT TGAGAGTAAA AACAAATCAC 311251 CTCTTTTAT ATTGAAATTT AAGGTGGAAG AAAAGTGGTT ATAAAAGCAT 311301 CTATCATCAT AGCACTGACT TGCCAAGTTA AGTATTTAGG TTGGAAATCA 311351 TGCCTTTCCA ACTGCTTAAA AACAGGAAGT ATCTCTGCTA AGTGATAAAT 311401 AGCTCCCTGT TGCTGGAAAG GAAGGCCTCT TITATTTCTT TCTACATTTT 311451 TGAGCAATAA TAAATGAGTT CTGCATTTTC ATACATGGGT GTATGTGTGT

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311501	<b>जजजज</b> ज	<b>GTGTATAATG</b>	CAGAAATCCA	TTTGCAGTGT	TTATGTATAC
				GAAAATACTT	
				CCAGGCACAT	
				AACAGCTTAT	
				CTATATTTTG	
				TAAGCTCCCA	
				GATGTTTAGC	
				CTGATAAAAG	
				ACCAAAACTT	
				GCAGTATGGA	
				AATTAAACCT	
				CTTTTACAAT	
312101	CTTCAAGCTT	TIATTICCCT	TTTIGTAAAT	TGACTATAAG	AATACATATC
317T2T	TCCTTTIGAG	IGITACIGIG	AGGATTGCAC	TAATTACCAT	AGTAAAGCAC
				CCAATAACAT	
				GCCACTTAAT	
				CTAATGTCCT	
				ATTTICATTT	
				GGAATATGGC	
				CATAAGACTT	
				TATTICAATT	
				ATTATTTAAC	
				ATAATAGTAC	
				GTAAACTCAT	
				TATTGTACAT	
				TGGAATAACA	
				TGAATAAGAG	
				<b>ATAAGTATCT</b>	
				<b>AGAGTGAGGG</b>	
				ATTCTTTTA	
				<b>AGGCATGTGT</b>	
313101	<b>ACTAAACATT</b>	AAAAAATGGG	<b>GGAAAAGTGC</b>	TCACATAGTT	TTTACTAATA
				GCTGTCCTAG	
				CATCAGTCTC	
				AAGAAGCAAA	
				CGAGTAGTCC	
				ATTCTGACTA	
				AGATGTCAAA TGGAAGAAAA	
				CCCACAGAAT	
				CIGGGCTTTT	
				CCACGGAAGT	
				CACAAATAAA	
				AAGCAGAGTT	
				CTAAGAAGTT	
				TACCTAGGAG	
				GAATCTGATA	
				GTAAAATTTA	
				ACGCATTCAA	
				TGTAGCTACA	
				TTTATGATAA	
				AGTCATTGGT	
				TTGAAATAGT	
				TATTTGCTTA AAGTTATAAT	
				AGAATTAAAA	
				CACTITACAG	
				TICATITATE	
				AACTAACTTG	
314501	ATCTCTCAAA	<b>GTCTAGTCTA</b>	<b>GGAACTTTCT</b>	CTGTCAGAGT	CAGCTGGCAA
314551	<b>GCTTATTAAA</b>	CATGCAGGGT	CTGACCTCTC	CCTCCAGACC	AAATGGGATG
				CAGATAAGCC	
314651	TGTGCACATT	GAGGTTTGAG	AAACCCTGAA	AATTGGTTTA	ACTITAACTG
314701	CACATTAGAA	TOGAAGAAAA	TAATTTGCCT	GGACCTAGAC	TGATTGATTG
314751	TCACTGGAGC	AAGGAGGTGG	AGGTAACCTA	<b>GGTTCTTAAA</b>	GTTCACCAAG
314801	TGATTGTGAT	GCACAGTGAA	<b>GGTTAAAAAC</b>	CACTACTCTA	AAGTATTTAG
314851	AAAGTTITCC	TGTAAAAGGC	CAGATGGTAA	ATATTTTAGA	CTTTATAGGC
314901	IACATCIGIT	ATTICCTIGIA	GCTACTCAAC	TTTGCTGACT	TAGAATGGAA
<b>21432T</b>	AIAGCCATAG	ATAATATGCA	AATGGCTGAA	CAGGGCCATG	ITCIAACACT

# FIGURE 3LLLL

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315001	TCATTTATAA	AAACAGCTGG	TGGGACAGAT	TGTAGTTTGC	CAAACCCTAC
315051	AGAGGGGGGT	ACAGTCCCTG	CCATGTGCCT	CAAAGGTGCT	GTTAGACTGT
315101	GTTCTAAACC	TGAGATGTTT	CTAGTIGTTI	GAAGTAAAGG	TGGAAAACTA
315151	CCATATTAAA	ATTCAATTAC	GGGCTGGGCA	TGATGGCTAT	AATCCCAGCA
315201	CTTTGGGAGG	AGATCATAGT	GACGCCACTT	GAGGCCAGGA	GTTCAAGACC
315251	AGCCTGGCCA	ACATGGTGAA	ACIGIGICIC	TACTAMAGT	ACAAAAATTA
315301	GCCAGGTGTG	GTGGTGCATG	CCTGTAATCA	CAACTACTTG	GGAGGTTGAG
315351	GCATGAGAAT	CGCTTGAACC	TAGGAGGTGG	AGTTTGCAGT	GAGCTGAGAT
315401	CATGCCACTG	CACTCCAGCC	TGGGCGACAG	AGTGAAACCT	TGTCTCAAAA
315451	AAAAAAAAA	AAAAAAAAG	GAGTTCCATT	CCAAGAGGGC	CAAATAGGAA
		CTGCAGCTCC			
315551	TCTGCGTTTC	CAACTGGGGT	GACTAGTTCA	TCTCATTGGG	ACTGGTTGGA
		AGCCCACGGA			
315651	TCACCCAGGA	ACTGGAAGGG	GTTGTGGGAT	TTCCCTCTCC	TAGCCAAGGG
315701	AAGCCATGAC	AGACGGTACC	TGGAATATCG	CTACACTCCT	GCCCAAATAC
315751	TGCGCTTTTC	CCATGGTCTT	AGCAACTGGC	AGACAAGGAG	ATTICTCTCCC
315801	GTGCCTGGCT	TGGCAGATCC	AACACCCACG	GAGCCTTGCT	TGCTGCTAGT
		GAGATCGACC			
		TGCTGAAGCT			
315951	CAAACTGGGT	GGAGCCCACT	GCAGCTCAGG	AAGGCCTACT	GCCTCCATGT
316001	ACTGTACCTC	TGTAGACAGG	GCATAGCTGA	ACAAAAGGCA	GCAGTAACTT
316051	CTGCAGACTT	AAACGTCCCCT	GTGTGACAGC	TCTGAAGACA	GCAGTGGTTC
316101	TCCCAGCACG	<b>GCATTTGAGC</b>	TCTGAGAACG	GACAGACTGC	CTCCTCAAGT
316151	GGGTCCCTGA	CCCCCATGTA	GCCTAACTGG	GAGACATCTC	CCAGTAGGGG
		CCTCATACAG			
		AGGCAGTAAT			
316301	ACCCAGGCAA	ACAGGGTCTG	GAGTGGACCT	CCAGCAAACT	CCAACAGACC
		<b>GGACCTGACT</b>			
		CATCAACAGA			
316451	GGTCACCAAC	ATCAAAGACC	AAAGGTAGAT	AAAACCACAA	AGATGGGGAG
316501	AAACCAGAAC	AGAAAAGCTG	AAAATTCTAA	AAACCAGAGC	GCCTCTTCTC
		TCACAGCTCC			
316601	AATGACTTTG	ACGAGCTGAC	AGAAGTGGGA	TTCAGAAGGT	CAATAATAAC
		AAGCTAAAGA			
316701	AAAACCTTGA	AAAAAGGTGA	GACAAATGGC	TAACTAGAAT	AAACAGTGTA
316751	GAGAAGACCT	TAAATGACCT	GATGGAGCTG	AAAACCATGG	TATGAGAACT
		TGCACAAACT			
316851	<b>GGATATCAGT</b>	GATTGAAGAT	CAAATGAAAG	AAATGAAGCG	AGAAGAGAAG
316901	TTTAGAGAAA	AAAGAGTAAA	AAGAACAAAG	CCTCCAAGAA	ATATGGGACT
316951	ATGTGAAAAG	ACCAAATCTA	CATTIGATIG	GIGTACCIGA	AAGTCACGGG
		CCAAGTTAGA			
317051	CTTCCCCAAC	ATAGCAAGGC	AGGCCAACAT	TCAAATTCAG	GAAATACAGA
317101	GAACACCACA	AAGATACTCC	TCAAGAAGAG	CAACCCCAAG	ACACATAATT
		CCAAGGTTGA			
		CAGATTACCC			
31/251	CICICICIGGG	CAGAAATCAT	ACANGCCAGA	AGAGAG I GGG	GGICAAGATT
3T/30T	CAACATICIT	AAAAGAATTT	ICAACCCAGA	ATTIGATATE	AACCAAATTCC
31/301	AAGCITCATA	AGTGAAGGAT	AAAIAAAAIC	TACAACACCE	CCTCAACCAA
		TGTCACCACC			
		AGGAAAGGAA			
317551	CAAAATACCC	AGACCATCGA	ATAATCACAC	CATTAGATTC	ACACATAACA
		TAMATGTAMA			
		TGGATAGAGT			
		TGTACAGAGA			
					GTTGCAATCC
					AAGAGACAAA
		ACATAATGGT			
317001 217001	TATCCTAAAT	ATATATGCAC	CCAATACACC	ACCACCCACA	TTCATAAACC
2170C1	AATICTICCAC	ACTITANCAC	ACCACTICTO	ATATTACATC	AACGTGACAG
315001 315,237	AACTTTAACA	ACCATATOOA	CCACTICAAC	TOACCIONO	ACCAAGCAGA
					GAATATACAT
					CATAATTGGA
318161	ACTAMACCAC	TOTTO	ATCTAAAAAC	ACCAATCACA	ACAAACTCTC
2182U1	TOTOTO	CACTICAATC	AAATTAGAAC	TCACCATTAA	GAAACTCACT
318261	CAAAACCCCA	CAACTACATC	CANACTICANC	ACAACACAT	GCCCCTGAAT
318301	CACTACTCAC	TAAATAACAA	VALVACCEVE	AAATAACCAT	GTIGTTIGAA
318321	ACCACTGACA		AACCTACCAC	ΔΔΤ(Τ)ς TISCS:	ACACATTTAA
318//01	ACCACIONOS	ACACCCAAAT	TTATACCACT	AAATIGCCCAC	AAGAGAAAGC
318451	ACCAMACATO	TAAAATTICAC	ACCCTGACAT	CACAATTAAA	AGAACTAGAG
J 1JI	,	15444111000		- · · · · · · · · · · · · · · · · · · ·	

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318501	AAGAAAGAGG	AAACATACAA	<b>AAGCTAGCAG</b>	AAGGCAAGAA	ATAACTAAGA
318551	TCAGAGCAGA	ACTGAAGGAG	ATAGACACAC	ACAAAAAACC	CTTCAAAAAA
318601	TCAATGAATC	CAGGAGCTGG	TTTTTTGAAA	AGATCAACAA	AATTGATAGA
318651	CTGCTAGCAA	GACTAATAAA	GAAGAAAAGG	GAGAAGAATG	AAATAGACGC
318701	TAAAAAAT	GATAAAGGGG	ATATCACCAC	CGATCCCACA	GAAATACAAA
318751	CTACCATCAG	AGAATACTAT	AAACACCTTT	ACTICAAATAA	ACTAGAAAAT
3100/71	CTAGAAGAAA	TGGATAAATT	CTGGACATA	TACACCCTCC	CAAGACTAAA
	CCAGGAAGAA				
	AGGCAATAAT				
210021	AGGCAATAAT	ATTOTACCAT	ACCTACAAAC	ACCACCTICAT	ACCATTOCTT
	TCACAGCCAA				
	CTGAAACTAT				
	TTATGAGGCC				
	AAAAAGAGAA				
319151	CTCAATAAAA	TACTGGCAAA	CCGAATCCAG	CAGCACATCC	AAAAGCIIAI
319201	CCACTATGAT	CAAGTCAGCT	TCATCCCTGG	GATGCAAGGC	TGTTTCAACA
319251	TACGCAAATC	AATAAATGTA	ATCCATCACA	TAAACAGAAC	CAATGACAAA
	AACCACATGA				
	ACAGCCGTTC				
	TCTCAAAATA				
319451	TGAATGGGCA	AAAACTGGAA	COSTTCCCTT	TGAAAACCGG	CAGAAGACAA
319501	<b>GGATGCCCTC</b>	TCTCACCACT	CCTACTCAAC	<b>ATAGTGTTAG</b>	AAGTTCTAGC
319551	CTGGGCAGTC	AGGCAAGAGA	AAGAAACAAA	<b>GGTTATTCAA</b>	TTTAGAAAAG
319601	<b>CGGAAGTCAA</b>	<b>ATTGTCCCTG</b>	<b>TCTGCAGATG</b>	<b>ACATGATTGT</b>	ATATTTAAAA
319651	ACCCCATCGT	CTCAGCCCAA	<b>AATCTCCTTA</b>	TGCTGATAAG	CAACTTCAGC
	<b>AAAGTCTCAG</b>				
	CACCAATAAC				
	TGCTACAAAG				
	AGGACCTCTT				
	GACACAAACA				
	ACTGCCCAAG				
	TGATTTTCTT				
320051	CAAAAAGGAG	CCCCCATAGC	CAAGACAGTA	CTAAGCAAAA	ACAACAAAGC
	TGGAGGCATC				
	CCAAAACAGT				
	CTCAGAAATA				
	ACAAAAACAA				
	GAAAACTGGC				
3203CT	ACCTTATACA	AAAATTAATT	CAACATCTAT	TAAACACTTA	AATCTAACAC
32033I	CTAMACCAT	AAAAA	CAAGAAAAGG	TACCCACTAC	CATTCACCAC
	ATAGGCCTAG				
	AAAAGCCAAA				
	CAGCGAAAGA				
	AAAATTTTTG				
320651	CAATGAACTC	AMCAMATTT	ACAAGAAAAA	AAACAACCCC	AICAAAAGI
320/01	GGGCAAAAGG	TATGAATAGA	CATCCTCAA	AAGAAGACAI	TIAIGCAGCC
	AACAGACACA				
320801	AATCAAAACC	ACAATGAGAT	ACCATCTCAC	ACCAGTTAGA	ATGGTGATCA
	TTAAAAAGTT				
	ACGCCTTTAC				
	GACAGTGTGG				
	CAGCCATCCC				
	ΤΑΤΑΔΛΓΑΓΑ		TATETTATT		
				GCAGCACTAT	
321101	AAAGACTTGG	AACCAACCCA	<b>AATTTCCATC</b>	<b>AGTGATAGAC</b>	TAGATTAAGA
321151	AAAGACTTGG AAATGTGGCA	AACCAACCCA CAGATACACC	AATTTCCATC ATGGAATACT	AGTGATAGAC ATGCAGCCAT	TAGATTAAGA AAAAAAGGAT
321151 321201	AAAGACTTGG AAATGTGGCA GAGTTCATGT	AACCAACCCA CAGATACACC CCTTTGTTGG	AATTTCCATC ATGGAATACT GACATGGATG	AGTGATAGAC ATGCAGCCAT AAGCTGGGAA	TAGATTAAGA AAAAAAGGAT CCATCATTCT
321151 321201 321251	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA	AGTGATAGAC ATGCAGCCAT AAGCTGGGAA ACACCACATG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA
321151 321201 321251 321301	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG	AGTGATAGAC ATGCAGCCAT AAGCTGGGAA ACACCACATG GACGCAGGGC	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC
321151 321201 321251 321301 321351	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG	AGTGATAGAC ATGCAGCCAT AAGCTGGGAA ACACCACATG GACGCAGGGC CTGGGGGGAGG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA
321151 321201 321251 321301 321351 321401	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC	AACCAACCCA CAGATACACC CCTTTIGTTGG TCAGAAGGAC TTGAACAATG GCCTIGTCAGG CTAATIGTAAA	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA
321151 321201 321251 321301 321351 321401 321451	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT	AACCAACCCA CAGATACACC CCTTTIGTTIGG TCAGAAGGAC TTIGAACAATIG GCCTIGTICAGG CTAATIGTAAA ATACCTATIGT	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIGC	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC
321151 321201 321251 321301 321351 321401 321451	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC	AACCAACCCA CAGATACACC CCTTTIGTTIGG TCAGAAGGAC TTIGAACAATIG GCCTIGTICAGG CTAATIGTAAA ATACCTATIGT	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIGC	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC
321151 321201 321251 321301 321351 321401 321451 321501	AAAGACTTGG AAATGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT	AACCAACCCA CAGATACACC CCTTTIGTTIGG TCAGAAGGAC TTIGAACAATIG GCCTIGTCAGG CTAATIGTAAA ATACCTATIGT AAAAAAATTC	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIGC AGGTIGTIGGTIG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT
321151 321201 321251 321301 321351 321401 321451 321501 321551 321601	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TIGGCTCATGT TIGTAATTGTA GTAATCTGAG GCACCGTAGG	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTATGT AAAAAAATTG CAGGAGGATC CAGGAGGATC GAGACCCGTC	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TIGTIGGGGGG TIGATGAGTTA AATAAACCTIG AGTTACAACC ACTTIGAGTCC TIGTICCAAAAA	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG CACGTTIGTGGTG AGGTGTIGGTG TIGGAGTTTAG AATIAAAATTTT	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC
321151 321201 321251 321301 321351 321401 321451 321501 321551 321601 321651	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTGAA GTAATCTGAA GCACCGTAGG CAGATGTGGT	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTAATTC AAAAAAATC CAGGAGGATC GAGACCCGTC AGCACACACC	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC TGTCCAAAAA TGTGGTCCCA	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG CACGTTIGTIG AGGTITTIGG AGTAGAATTT CCTATTCGGG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT
321151 321201 321251 321301 321351 321401 321451 321501 321551 321601 321651	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTGAA GTAATCTGAA GCACCGTAGG CAGATGTGGT	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTAATTC AAAAAAATC CAGGAGGATC GAGACCCGTC AGCACACACC	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC TGTCCAAAAA TGTGGTCCCA	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG CACGTTIGTIG AGGTITTIGG AGTAGAATTT CCTATTCGGG	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT
321151 321201 321251 321301 321351 321401 321451 321501 321551 321601 321651 321701	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTAAA GTAATTAAA GCACGTAGG CAGATGTGG CAGATGTGGG CAGATGTGGT GGGAGGACCG	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTATGT AAAAAAATTC CAGGAGGATC GAGACCCGTC AGCACACACC CTTGGACCCT	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC ACTTGAGTCCCA TGTCCAAAAA TGTGGTCCCA GGAGGTCAAG	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG CACGTTIGTG AGGTGTTGG TIGGAGTTTAG TIGGAGTTTAG TIGTAGTTGAG TICTIGTAGTGA	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT GCCATGATCG
321151 321201 321251 321301 321351 321401 321451 321551 321501 321601 321651 321751	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTAAA GTAATCTGAG GCACGGTAGG CAGATGTGGT GGGAGGACCG CGGTACTGCA	AACCAACCCA CAGATACACC CCTTTIGTTIGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATIGTAAA ATACCTATIGT AAAAAAATTC CAGGAGGATC GAGACCCGTC AGCACACACC CTTGGACCCT GTCCAGCATG	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC ACTTGAGTCCCA TGTCCAAAAA TGTGGTCCCA GGAGGTCAAG GGAGGTCAAG	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIG AGGTIGTIGTIG TIGGAGTTTAGT TIGGAGTTTAGT CCTATTICGGG TCTIGTAGTIGA CAAGACCCCA	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT GCCATGATCG TCTCAAATAA
321151 321201 321251 321301 321351 321401 321451 321501 321551 321601 321651 321751 321701 321751 321801	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTAAA GTAATCTGAG GCACGGTAGG CAGATGTGGT GGGAGGACCG CGCTACTGCA ATAAATAAAA	AACCAACCCA CAGATACACC CCTTTIGTTIGG TCAGAAGGAC TTIGAACAATG GCCTGTCAGG CTAATIGTAAA ATACCTATIGT AAAAAAATTC CAGGAGGATC AGGACCCGTC AGCACACCC CTTIGGACCCT GTCCAGCATG CTCAGTAAGT	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC ACTTGAGTCCAAAAA TGTGGTCCCA GGAGGTCAAG GGAGGTCAAG AATAGAGCCA ACTAGAGCCA	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATG GACGCAGGGC CTIGGGGGAGG ATIGGGGGAAG CACGTTIGTIG AGGTGTTGTIG TIGGAGTTTAG AATAAAATTT CCTATTICGGG TCTIGTAGTIGA CAAGACCCCA GAATTTTIGAA	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGG AAATGTTAGG TCTCAAATAA CTATGAATAA CTATGAATAG
321151 321201 321251 321301 321351 321401 321451 321501 321651 321651 321701 321751 321801 321851	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTAAA GTAATCTGAG GCACGGTAGG CAGATGTGGT GGGAGGACCG CGCTACTGCT ATTAAAAAAAAAA	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTATGT AAAAAAATTC CAGGAGGATC GAGACCCGTC AGCACACCC CTTGGACCACT GTCCAGCATG AAAAAAAGAC AAAAAAAGAC	AATTTCCATC ATGGAATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC ACTTGAGTCC TGTCCAAAAA TGTGGTCCCAG GGAGGTCAAG GGAGGTCAAG AATAGAGCCA ATTATTTTGT	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIGC AGGTIGTIGGTIG TIGGAGTTTAG AATAAAATTT CCTATTTCGGG TCTIGTIAGTIGA CAAGACCCCA GAATTTTIGAA AATIGTICTTIGT	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT GCCATGATCA CTATGAATCA ACTATGAATCA ACTATGAATCA ACTATGAATCA
321151 321201 321251 321301 321351 321401 321451 321501 321651 321601 321751 321751 321801 321851 321801 321851 321901	AAAGACTTGG AAATIGTGGCA GAGTTCATGT CAGCAAACTA TAGGTGGGAA ACACACTGGG GGAGACATAC TGGCTCATGT TGTAATTAAA GTAATCTGAG GCACGGTAGG CAGATGTGGT GGGAGGACCG CGCTACTGCA ATAAATAAAA	AACCAACCCA CAGATACACC CCTTTGTTGG TCAGAAGGAC TTGAACAATG GCCTGTCAGG CTAATGTAAA ATACCTATGT AAAAAAATTC CAGGAGGATC GAGACCCGTC AGCACACC CTTGGACCCT GTCCAGCAAGC CTCAGTAAGT AAAAAAAGAC AGACAAGGAA	AATTTCCATC ATGGATACT GACATGGATG AGAAAACCAA AGAACACTTG TGGTGGGGGG TGATGAGTTA AATAAACCTG AGTTACAACC ACTTGAGTCC TGTCCAAAAA TGTGGTCCCA GGAGGTCAAG GGCAACAGAG AATAGAGCCA ATTATTTTGT AAAGAAAGGT	AGTIGATAGAC ATIGCAGCCAT AAGCTIGGGAA ACACCACATIG GACGCAGGGC CTIGGGGGAAG ATIGGGGGAAG CACGTTIGTIGC AGGTIGTIGTIG TIGGAGTTTAG AATAAAATTT CCTATTICGGG TICTITAGTIGA CAAGACCCCA GAATTTTIGA AATIGTICTTIGT GCACTIGAACA	TAGATTAAGA AAAAAAGGAT CCATCATTCT TTCTCACTCA AGGGAACATC GATAGCATTA CAAACCAACA ACATGTACCC GTTCACACCT ACCAGCCTGG AAATGTTAGC AGGCTGAGGT GCCATGATCG TCTCAAATAA CTATGAATCA ATTATCAGAC GCCAAAGCAG

# FIGURE 3NNNN

322001	GCAAGGCAAA	GAAAAGGATA	AAACAGCCCT	GCTGCACTCT	GGTGGGACTG
322051	ATAAGAAATA	<b>GCTTCTGTAT</b>	CTTGGTATTT	TGTACCTTAA	AAAAAATTGA
222101	CCACTICCCAG	GAATAGAAAA	CAGAAACAAT	GICTCTTGG	GGTGAGAGAC
322101	454464666	TGTTCCTCTC	ACACCATETE	CAAACATTCA	TGACCTICTICC
322121	AGAAACAUSC	IGITOCICIC	ACHOCATOTO	CATTCACCACT	CCCCCCCACC
322201	AAGTGCAGGC	AGGCAGTATC	CACAGCICIG	CATCACCACT	COCCIONA
322251	ACTGTGCAAC	CCATCAGTCC	TGTGGTGCCCC	GTTCAAGTCA	CATTGTATAA
322301	ATCTGTCCTA	CGGCATCTGT	<b>ATCCTCACCA</b>	TCTAATAACT	TTAGCACAGA
222251	ATATTOTETA	AGAATGATGG	AGAGGGAAAA	GAACACTITIG	Αστιαρίσ
25522T	AIAHGITIA	AGAMIGMIGG	AGAGGGAAAA	CAMPACITIC	TACTATATAT
322401	ACCITIGITI	GTTTACATTT	ACCATATCAT	CCATICITIE	IAGIAIAIAI
322451	CAGAAGACTT	<b>TCATTTTAGG</b>	TTTTTAAAAA	TCGTTTATAT	GTAATGAGTT
		<b>GTTATCCAGA</b>			
222551	CACCICCICI	CTTATATATT	TOTAL	ATTOCTICATE	ATACCTACTA
322237	CACCIOCIGI	GGCAGATCAC	CTTACATTCT	CATTICITY	AAATTCCCAA
32200T	GGIGICIGIA	GGCAGATCAC	CHACAHGI	GATTICITI	AWAT 1000W
322651	AAAATATATG	TCCTTTGAAT	ATCTTATEGT	TCAGCAGGGG	CATTAGAAAA
322701	TATAAACAAC	<b>TGTTGTGGA</b>	TATGTGCAAA	<b>AGAAATGTGA</b>	ACAATGTTTA
322751	CCACTAATAT	AGAGAAGAAA	<b>ATGACAGTTT</b>	CTTTGTATAG	AAATGATTTG
222001	AAACAATAAC	TAGGATTTTC	CTCCACTACA	TOCCCTTOCCA	CTACACAGGA
25500T	AVAGAATAAC	IAGGATTTC	CIGGAGIACA	ATTACACACC	TOTOLACAT
322851	CIGITICAGAT	AAAGAGATCA	CIALLIAIAA	AT IAGAGAGG	IGIGAAGAAI
322901	ATGCTCATAG	CAATTTTAGG	GGAAGTACAA	GGAGTTCAGT	ATTGGTAGAA
322951	AGTAAAGGGC	CTGGAGGGGT	CAAATAACAG	GAGACGATGC	TGGGAAAAGA
323001	ACCACACGAC	<b>AGGCCATTTG</b>	TOCCACTIC	CACTACTCCC	TTACCCCCAT
323001	TAACAACCCA	TGGGTTTATA	TATTTTAAA	TATOTTAAAA	TATCETAAATA
25202T	IAAGAACCA	IGGGITIATA	IAITITIAVA	TAICHIA	MIGIAWAIA
323101	TCTAAGTAAG	TTCTTCACTC	CIALICIAIC	TIAIGGAGAC	CCITITIANA
323151	GAGTGAATTT	TATAGAGACA	TAGGAAATGT	TAGTTTGCAT	TGTTTTCACT
323201	TTGCCCCTAT	AGTITITAA	AAAGCAGATT	CACTTTTTAC	AAGAGGAAGA
323251	ATTTTCCATTA	<b>GTGCTGGATA</b>	CATACTGTT	TGACTTGTAA	AATGACTCTT
323201	TAATACAAAT	GGACAAAGAA	AATATCCTAA	TAAAATAACT	TAACTATICTE
3233UL	I AAA I AGAAA I	CONCAMON	MINIGCIAN	IAWAIAACI	IMOIAIGIG
323351	TATGIGIGIG	CATGCTAAAT	THITHC	icigi icici	ICALLIGIG
323401	CTCATCATCA	<b>ATTIGCTIGCTA</b>	TTTACTGTGG	TGCATTTTTC	CTGAACACCT
323451	GCTGTCAAAT	<b>GCATCAAGTC</b>	TTTTCTTGCA	CAGTGCTACA	GGTTTTTGCA
222501	CAACTCACCA	AGCCCAACAT	TAGACAGATA	CCCTAAAGAC	TCATTCATTT
222201	GAMCIGARCA	ATACAAATAT	ACCETTACAT	CTTCACATAC	ACAAATCTCT
32322T	ATTIGITIA	ATACAAATAT	AUGUICACAT	GIIGACAIAC	AGAMICIGI
323601	TTCAAATGAA	TTATTTTTA	AAGAACAAAG	AACTITATAA	CCCTAGTACC
323651	TAATCCTATG	CCTGACACAT	AGTAGATACT	CAGCAAATAT	CTGTGGGACT
323701	CAACTICCTICT	<b>GTGAAGCCTA</b>	GCTAAGCACT	AAAGACTCCC	ACAACTTTTT
222701	CACCTTETATE	GGGAAGTGAT	TATETTAAAT	ACTITION	CAAATTGAAT
323/3T	CAGCITIAIG	GGGAAGIGAI	IAICHAM	AGITTIAATG	CATCON
323801	TATTGTTTAA	AAAGCATGTC	CACCAGIIGA	AAAGICAAGI	CATGGAACAT
323851	TGTTAAGATC	CAGGTTTTAA	TTTAGCAGAT	ATTGTTCTCT	TTGCAGAATA
323901	ATTACGAATC	TATTTAAAAT	AAATGCTTTT	TTATCTTTAT	CTCCCTTTGC
323051	ACAATIGGAGE	GCATTGTCA	AAAGGGAAA	GTGTCTAATA	<b>ΔΤΔΔGTTGΔΔ</b>
323331	ACMIGGAGI	ACTIVITA	CAAACACATC	TOTOTOTO	TOTAL
324001	AACATIGIGC	AGTTATACTT	CAMBACATC	ICTIANATIG	TOCHGI TOAG
324051	GTTCACTGCC	TCTGCTATTA	TICATGITCI	AATTTAGGGC	CICGAAAIIG
324101	TATTAGTTGC	CTAACTGGAA	GTTGCACTTC	GTTCCTGTGC	TTCTTCCACA
324151	CTGCTGCCAG	AATCATTTAC	TTTCTTCAAC	AGAAAATCAA	CCTGTCTCT
224201	TTCCTCATTA	AAAACCTGCA	ATTICCTACC	CACTICTICACA	TAAGGACCAA
324201	1 TOCTOATTA	ATTACATACC	ATATCTAATC	TAATTATACC	TCTCCATTTT
324251	ACTOCTIGGE	ATTACATACC	AIAIGIAAIG	TAATTATACC	IGIGGATTI
324301	TTTTCTCAAT	CTACCTTCAT	GICCCCATGI	TTCTAAGCAT	CCTCTACCAG
324351	TGCTTCCCAA	AATTTTTCAT	GACATGTCAC	ACATGGAATA	ATAACCAGAT
324401	GATACCACTG	TCTGACTGCC	TGAAGTCTCT	GCTTCTCTG	AGCTTTCTGG
324451	CCTTCTGAG	ATITICAACCA	ΔΔCΔΔΤΔΤΟΤ	TAAGCATACC	CTCTAATCCA
224EV1	TTCCCACTAC	AACCACTICC	AAACTCTCC	CTACATICA	CCACAGTAAA
2243UL	IIUUAGIAL	MUMICION		CIACAIGIGA	AMICANO
324551	CCITTICGCC	TAASJAAJJI	GGIIGGCA	CIGCITICI	TCTTTGCTTA
324601	TAATATTCAT	TCTGCCTTTT	CACAGITTCT	CAATCTGGTA	AATTTCCCCCT
324651	CCTTGTCATT	TAAAGCCCGG	CTCATTTGGA	TTTGGGAAAT	GTTTCTGGAA
324701	TITITIAAG	ΔΑΤΑΤΙΓΙΓΑΔ	CTCTTGTT	TCCAATTAAA	GCCTTATCTT
224701	ATTAATTAAA	ATTITICACTO	TTAGAAATTC	TOTTOCATT	TTCTGACCCA
324/3L	ICALIA	ALL IGALIC	1175	TACTOR	ATAATCATO
324801	. I I I GTAATAA	CHAAITHA	AGGI IACACC	IACIGIACCA	ATAATGATTT
					TTTTGGAAAC
324901	AGTTTCTTTC	CCCCGTAAAT	TATATTGCCC	ATGGTTTCAT	AAATACACAT
324051	CTCAAATCCC	TTACTTATT	AAAGGGTGTG	TGTGCTTACT	TGCGTGCGTG
225001		TOTAL MINIST	TIGTICATION	TACTACTAAT	ACTAACATAA
22200T			CACTACCTA	1/4/1/2/1/4/1	
25021	AIATATATAT	CATTACTACC	ALI IAGLIA	IACICIAAAG	TTAAAAGATC
325101	TCAAAATACT	TCTTGTGAAA	AGGTTTACTA	AGCCCAAAGT	TCTAAGAGAA
325151	AAATTATGAA	AATTGGTTTC	CTTTGTTTAA	CAGAGCCTAT	TGCTTATTTT
325201	AAGGGTAATT	GATCTITIGI	TTTGAGACAG	GGTCTCACCC	TGTCACTTAG
325751	CCTCCACTCC	ACTICAT	CCTCCTAG	GCTCAACCT	CCTGGGCTCA
コンピンクユ		- CONCOUNTS	TOCCACTACA	CCDC+++++++	CCACCACACC
2423UL	ACICAICCIC	WALIOR	IUUUALIALA	WIGIGIGIA	<u> </u>
325351	CGGCTAATTT	TAIGITIG	HGHIGH	<u>जा । जा मज</u>	TTTGTAGAGA
325401	TGGGGTTGCG	CCATGTTGCC	TAGGCTGGTC	TCAAATGCCT	GAGCTCAAGC
325451	GATCTGCCTG	CCTTAGCCTC	CCAAAGTGCT	GGGATTACAG	गाजजजज

				100,10.	
325501	GCCACTGTGC	CTAGCCTGAT	TGATTTTGAT	CTCTAACACA	TICCTCTCAT
325551	AACTATTICT	<b>GCTTTTCCAA</b>	AAAAGTTTTA	TGTATGGGTT	AGGTAAATGT
325601	TTCTGGTTTT	ATCTCATTAA	ATGATTGGCT	TTTAGTATCA	GCATGAATCA
325651	<b>AGTATAATTT</b>	GACTCACCTC	ATCCTTAAAT	TCTTACTTAA	TTTGGTAATT
325701	ATTGTGTATT	TTATCATTTT	CTACTAGTGT	CTTAGCCTGT	TGATCAAAGC
325751	TTGCTGCAGT	TAGTIGITIG	CGTGTTGATC	TTTCTCTACT	TTTAGIGIT
325801	CTTAAAGGTA	AGGACCAAGT	CATATGCTTC	TGTATTTTCC	TCACAGTGCT
325851	TTGCACAAAA	AAAAAAAATT	GTCTAGTAGG	TGICITTIA	GTACTITIA
325901	AAGTATCTTG	TGGGTAGTTA	AGACTTTTTT	ATTCAAATTT	TATATAAAAT
325951	cigittig	TTTCTGATGC	CTGTTCAGCA	GATGCTTACC	CAGACTGAAG
326001	TAGTTTACAT	TCTTTTCAA	TGTCCCAAAA	GCTTAATTAG	CAMAIAAIAI
32602T	AATGCAGACT	GCICCIIGCA	TAGGCTCTCA GTCATTCTTC	TOCCACTOTAL	ATTACACTTT
3261E1	TAAAAATTAC	TAAATTCCAT	AAGAGATATT	ATGAAATGET	ATTRCTGGAA
326201	CATTCACAAT	TTCAACCTTT	AAAAGACAGC	ACCTAMAGEC	AAAGATACAG
326251	CAACATTTTC	AAAAGTTAGC	TTTGTACATC	TCTTGGCTGA	GTAATGTGAA
326301	CCCACACATG	GAAAGATTTA	<b>ATATATACAG</b>	GAATGTTCTG	<b>GCCTCTGTA</b>
326351	AGAGCTGATC	CCTCTATCAG	GTTCIGIGC	<b>AGACAAGCAT</b>	GTTTCTTCTA
326401	TCTATTAGGA	<b>AAGGGTTATG</b>	AATTGAGCAT	TTCAGAGGCT	ATGGTAAGAA
326451	GCAGGGAGAG	AAGGGGGCAA	<b>GTAGAGAATT</b>	<b>GCTAAATATC</b>	AATTCTTTTT
326501	<b>AAATATTGAG</b>	ATTTAGAAAT	AAAAATCAAG	<b>AATCTGTATT</b>	TTGACTTGAC
326551	TTTTCAATCT	<b>ATTATTCTAA</b>	CCTCGTAGCT	CATTGTTCCA	TTTATTCAAA
326601	GAACATTAAC	ATCTGCCATA	TATTAGGAAT	TCAGAGATTG	CTAACATTGC
326651	CTATGTTCAA	<b>GGATCTCATA</b>	ATCAAGTACT	GAGGATAATT	ATACAAGAAG
326701	AGTAATCACT	ATAATAGCAT	TTAATACTTA	CTGAAGCATA	CATGCCATAT
			CATTATATCA		
32680T	GCTGATTTGT	CCAAACACAC	AGCTAATAAG TGCCCTCACT	TTTAACCTTC	AGAATTICC
326001	TACAACTITA	AAATTCATTT	ATGTACTTGG	AAGAGTCATA	CAACTTICAA
326020T	TAAAAGAGAA	CACTITITANG	CTGAGACTTG	AACAAGAAGT	GEAGCTTCCC
327001	TGATAGACAA	AGAGATAAAA	TGTCATTCTG	ACCACACGGA	GAAATATGTG
327051	CEAAAACAGG	GAGGCAGAAA	GCAGCGTGGT	GAGTTTTACT	AACTGGGTGT
327101	TTAGGTGCTC	CTAAGCAAGT	CCAAGTTCAA	<b>GTATAGCATT</b>	TCAAGTTTCT
			<b>ATCTTATCTA</b>		
327201	CAGGGTGAGA	<b>AATGCTATAC</b>	TTGAACTTGG	ACTITITICT	TTGATGTGCA
327251	<b>ATTAMATGAT</b>	TAGAAAATAG	GAAGTTAAGG	TATTTGCAGT	TAAAATGATC
327301	ACGTTAGCCA	TGATGTAGAT	AAAGCAAGGA	AAAAGAAGGA	AAGAATAAGA
327351	CTGCAGGCAG	AAAAACAACT	AGCACAGCAG	TTATGATATT	CTAGACAAAT
32/401	GATIGIGITG	GCTTGATATC	ACTGAGTAAA	CATTIATIGG	GIGCCITATA
32/45L	IGIGULATAG	CIGAGCI IAC	AGTGTTGAAT CTGTTGGGAA	ACACACACAC	TANACANACA
327551	CACAAATACA	CAATAAAGAA	GAATGGGTAG	AAGTGACAGG	TTTAAGAGAG
			GICTATGCAT		
327651	AATAGATACC	TAGAATAAAT	CCAAGGTTTC	TTTGAGATAA	TTCAGAGCCG
327701	TTACCAAAGA	TCCACCTTTC	TCCCTGGTTT	CTGGAACTAT	TCTCTCCATG
327751	<b>AATCATGATT</b>	CATTGATATG	TTTTTATTAA	<b>AGTATAAAGG</b>	CTCAGTGCTG
327801	сптосттс	CTAGAGGAAG	<b>GCACTCCCTA</b>	TATACACATA	CACACCCTTG
327851	TTGATTATTT	TAAATGAATG	GGAGCCAATG	GGACCTGATT	TTTCAAGGTG
327901	TCTATTTTAA	TACTITIGIC	TGAACAAGTA	TTICIAIGIT	AATGAAATTA
32/95I	GATTIGAGCA	TITIGATAGAA	CATGAAACTA	TAAGIGIIGA	ATTICAGAAT
3200UL	TAACACTCCT	TCATICTICAAA	CCTTATAATT TACCAGATGT	TTTCACTCCT	TEATATAAAG
3281U1	CTCAGAAGAA	AAGAAGGATA	TIGGITICAT	ΔΑΤΔΑΛΤΤΔΑ	CATGILIACA
328151	GTAATGACTA	TIGCAGTIGTAA	GCTGTGGATA	TITIGITATA	TAAGAATIGC
328201	AGGGGGTCCT	AGAACTGGGG	GCTGGAAGGC	CCATTTAAAA	GGTCATCTAA
328251	TACGATAATT	TTTAGTCTGG	AGCACACAAG	CAGAGTTCAG	GTGAACTCCC
328301	TGGAATTATT	TICCAAAATTIG	GGAGTATTTT	TCGTATGTAT	AGTTTGAGGG
328351	GAATTTCTGT	CAAATGCACA	TAGGCACCTG	TAATTAAAGA	GCCGCCTTCA
328401	TTTTCACACA	TGAGGAAAACT	GAGGCTGTTA	CAGATGTAGA	GACTTGCCCA
328451	AGGTCTTGAA	TAACTTCTCA	GAAAGGGAGT	TTGTTCTATG	ATTIGIGITI
328501	TTTAATAAAG	TTTTAATGGA	CAGACCACGA	IAICCAACAT	GGCCTTGGAG
328331	CCAIAGGGTT	CATCATA	GAAAGCCTTG ATAATAGAAC	ATTECTATE	TCACAATACA
3286E1	TICTICACC	CTAATATY	AAAACAGTAT	TTTTAAAGAA	ATTICTACCAA
328701	GGTGTTAC	TCATTCAGAG	TTCTACAGGA	AGGAAGGCTC	TTTCCTACTA
328751	TTTTTAACC	ATAACTTTCA	CTGACAAGAC	CAGGCCAGAA	AAAGCCTAGC
328801	TGGCTGTTGG	CCCAGACAAT	<b>GTTATAATAA</b>	TCATTGAAGT	ATACTCAACC
328851	TGCACTGCCT	GAGGATAGCT	ACAGCTAAAA	AAAATAAATA	AATAAGCACA
328901	CACAGATGTA	TGCTGAGTGT	TCCAGTGACT	TAGCTGACAT	GTATGCTGTA
328951	TATCCTTTGC	<b>ा</b> जां जां	CAACTATTAG	AAAGGAAATT	TTAAAATAGC

329001 CTAGAATTTA TTATTCCAAT AGGGTGAAAA GGACAACTTC AACITTAAAA
329051 AAATAACCAA GCTCTCCAAG GCTGTATCCC CAGCAAGTAA ATCAATCTGG
329101 CATATAGTAG ATGCTTAATA ATTTTTTGA TGAGAGAATT GTTGAAGTTT
329151 GTTAGTTATA TTTCAGAAAG AGAATTTTGT TTGTTCATCA ATAATGAGTA
329201 TCATGTAGTG TCAAAATAGT AAAATTAAAA AGGACTGCTT CAACATTTAG
329251 AAACCCCAGA TTTCAGCGCA GTTTCTGTAA GTTATTGTAC GACCTTGGGC
329301 CTCATTTICT TIGICTTAAT AAGGATATAA TAATATCTAA TTCCCAAAAT
329351 TTGGGGGAAT ATTAAATGAG CTACAGTATG TGAAAGATGC TTCATAGATC
329401 CITAAGTGCT ATATAAATAT TAATGTTATT TGTCTTAGAT AACATTTTCA
329451 ATTITITAAA TATGTATITA CIGAAATCAT CTITATITICC TAAGTCCTGT
329501 ATTTGTTTA GGTAGAAAGA AGTGATTTCC ATGATTGAAA TGGAGTTTTG
329551 AATTICTTIGA TAAAATACAT TITTAAGGTAT ACAGAATTIGT CTGCAAAGAA
329601 TTAAAACACT CATTITTAAG CAAGGGAAAT ATATTTATTT TATGATTITIC
329651 CTAATTGAAT TTTTGCCAGC TAATTTGTAC GTAAGTTAAG GATTGATTGA
329701 TATATATTTIG ATAGACAATC ACCCTCTTCT AGGTATTATA ACATATACAA
329751 AAAGTATACA ACAGCATTTT CCAAAGTGGA AAAGAAATAT TAGTTTTTGA
329801 GATGITICCAT GATTAGAGTT TIGGGAATTTA AAATAGAATT TITTACATACT
329851 ACCATAGGTT TCTCCTAGAT ATTTTTATTA CCCATTAATA TAATTTCCAA
329901 AAATTCCTTC ATATAGAAAC CTATACAAAC CTTTTATTTT GTTTCTACAC
329951 AGTGTTATCC AAATTTATTT AACAAGAAAA CCCTTTTTTC CATTACATTT
330001 GTTAACATTC ACTOGAGTAT TITTATAAAGC ACTGGTATGA GATATGATGA
330051 TATGACCCCA TGGATTTGAA CAGTCTGTTT GGAACTCTAA GTATGAACAT
330101 GGTGAAGTAC ATTAAAACAA AACAAAACAA ACAAAAATAA AACAAATTAA
330151 CTATGAGATT GTGAAATGGT TGTAATATAT GTCACCAAAT TCATGGCTAA
330201 ATCATAGAAA TTGATCTGTC ACAGCTTGTT AAATAAGTAT TCTTTCTCTT
330251 ACATGACTTC TTACGTGATT TTTTCCAAAC TGCTTAGTCA AAGAAGATAA
330301 TCTTTCCAGA TAGAGAAAAT TTTAAAATAT CTTTATTCCT CTTTAAATTT
330351 ACTGATTTAT AAATACTGGG AGTCTAACAA ATGCAAGTTA CTACTCTTTA
330401 TTAATCCCTT TTATTTAGTT TCAGTTTACA CACAATAATT GTATCAACTT
330451 ATATGTACAA GTCAATTAAT TTAGACTTGT GTAAACCTGT GAAACCACCT
330501 CTGCAATTAA GGTGCAGAAC ATCCCCATCA CCCTCAAAAG ATTGCTTTTG
330551 CCCTTTTGCA GTCCATTTTT CCCTCTTCCT CAGGITGCAG TCAACCACTA
330601 GICIGCITTI TIGCTACTATA GATTAGATTIG GACTTIGTAA ATATTITATA
330651 TAAATGCAGT ATGTACTCTC TTATGTCTGT TCTATTTGAC TCAGCATGAT
330701 GAGACTCATG CACATTIGTTG AGTGTTCAGT ATTTCCTTTC TATTGTTGAG
330751 TAGTATTCCA TTATATATTT TGACTATTCA CTCATAAGTT GGTAGACATT
330801 TGGGTTGTTT ACAATTTTAC TATTGTGAAT AAAGCTACTG TGGGCTGGGC
330851 ACAGTGACTC ACACCTGTAA TCTCAGCACT TTGGGAGGCC AAGGTGGGTG
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331051 TGAGGTCTGG AGTTCAAGAC CAGCCTGGCC AGTATGGCAA AACCCCATCT
331101 CTACTAAAAA TACAAAAAAT TAGCCAGGCG TGGTGGTGGG CGCCTGTAAT
331151 CCCAGCTACT TGGGAGGCTG AGGCAGGAGA ATTGCTCGAA CCCAGGAGGC
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331251 CAAGAGCGAA ACTCCACCTC AAAAAAAAA AAAAAATAGC TGGGCATGGT
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331351 CTTGAGTGCA GGAGGTGGAG ATTGCAGTGA GCCAAGATCA CATCACTGCA
331401 CTCTAGCCTG GGTGACAGAG TGAGACTCTG TCTCAAAAAA ATAAAATTTG
331451 TGAACTTCCA TATACAAGTC TTTGTGTAGA TATGGGTTTT TTCTTCTTAG
331501 GTAACTACCT AGATTATTTC ACAATAATTG GGTTGTTATG ATGTGGTGGG
331551 TITAACTICT TAAGAAGCTG ACAAATAGCT TICCAAAGTG GITGITCTAT
331601 TITATATTCC CATTAACAGT GTATGTAATT TCTAGTTGCT CCATGTCCTT
331651 GATCOGTCTT TOGTATTGTT AGTGTCTTTA ATTTTCATCA TTCTTATAAT
331701 GTAATGGTAT CTCATTGTGG CTTAAATTTG CATTGATCTG ATAACTAATG
331751 ATGITAAGTA TCTTTTCACA TACTTACCTC ACAAAGGAAG CTGTGTGGTT
331801 AGCAAGTATG TTCAAATTTT TAGTCCAGTT ACTTTGGATT ATTTTCTTAT
331851 TATTGAATTA TGAGGATTCT TTATATATTT TGGATACAAG CCCTTTGCAA
331901 ΔΤΔΤΙΚΕΔΤΑΤ ΤΙΚΙΚΑΔΤΑΤΤ ΤΤΔΤΙΚΕΚΑΤ ΕΠΙΚΙΚΑΓΙΚΙ ΤΕΤΙΤΙΓΙΚΕΙΙ
331901 ATATGCATAT TGTGAATATT TTATCCCAGT CTGTGACCTG TCTTTTCGTT
331951 TTCTTAAAGG TACCTTTTGA AGAGAAATTT TGTTTTGATT TTTGTAAAGA
331951 TTCTTAAAGG TACCTTTTGA AGAGAAATTT TGTTTTGATT TTTGTAAAGA 332001 CCAGTTTGIC CATGTTTTTC TTTTATACTT CTAGAAGTTT TATAGTTTTA
331951 TTCTTAAAGG TACCTTTTGA AGAGAAATTT TGTTTTGATT TTTGTAAAGA 332001 CCAGTTTGTC CATGTTTTTC TTTTATACTT CTAGAAGTTT TATAGTTTTA 332051 GCTCATAAAT TTCAAGTTTA TTTTTCAGTA TGGTGTGAGG TAAGGGTCAA
331951 TTCTTAMAGG TACCTTTTGA AGAGAAATTT TGTTTTGATT TTTGTAMAGA 332001 CCAGTTTGTC CATGTTTTTC TTTTATACTT CTAGAAGTTT TATAGTTTTA 332051 GCTCATAMAT TTCAAGTTTA TTTTTCAGTA TGGTGTGAGG TAAGGGTCAA 332101 TGTTCATTTT TTTCATATGG ATTTCTAGTA TTCACAGTAC CATTTCTTAA
331951 TICTTAMAGG TACCITTIGA AGAGAMATTI TIGTITTIGATT TITIGTAMAGA 332001 CCAGITTIGIC CATGITTITIC TITITATACTI CTAGAMGTIT TATAGITTITA 332051 GCICATAMAT TICAMGTITA TITITICAGTA TIGGIGIGAGG TAMAGGICAM 332101 TIGTICATTIT TITICATATIGG ATTICTAGTA TICACAGTAC CATTICTIAM 332151 GATAATTICC TITITIGAGTIG CCTTAMAATC AGTATGGACT TCCTTTTTCT
331951 TICTTAMAGG TACCITTIGA AGAGANATTI TIGTITTIGATT TITIGTAMAGA 332001 CCAGITTIGIC CATGITTITIC TITITATACTI CTAGANGTIT TATAGITTITA 332051 GCTCATANAT TICANGTITA TITITICAGIA TIGGIGIGAGG TANGGGTCAM 332101 TIGTICATTIT TITICATATIGG ATTICTAGIA TICACAGIAC CATTICTIAM 332151 GATAATTICC TITITIGAGIG CCTTANANIC AGTATIGGACT TCCTTTTTCI 332201 ATTITIATITA TCCGTATICTT TATCCTCTAG ATACTICTCAC ACTATCTIGI
331951 TICTTAMAGG TACCITTIGA AGAGANATTI TIGTITTIGATT TITIGTAMAGA 332001 CCAGITTIGIC CATGITTITIC TITITATACTI CTAGANGTIT TATAGITTITA 332051 GCTCATAMAT TICAMGITTA TITITCAGTA TIGGIGTGAGG TAMAGGICAM 332101 TIGTTCATTIT TITICATATIGG ATTICTAGTA TICACAGTAC CATTICTTAM 332151 GATAMITICC TITITTIGAGTIG CCTTAMAMIC AGTATGGACT TCCTTTTTCI 332201 ATTITATITTA TCCGTATCTT TATCCTCTAG ATACTICTCAC ACTATCTTGI 332251 TICTTTAGCA TTATAMGTTT TGAAGTCAMG TAGTIGTAMAT TITTCCAATT
331951 TICTTAMAGG TACCITTIGA AGAGANATTI TIGTITTIGATT TITIGTAMAGA 332001 CCAGITTIGIC CATGITTITIC TITITATACTI CTAGANGTIT TATAGITTITA 332051 GCICATANAT TICANGTITA TITITCAGTA TIGGIGTGAGG TANGGGTCAM 332101 TIGTICATTIT TITICATATIGG ATTICTAGTA TICACAGTAC CATTICTTAM 332151 GATAATTICC TITITTIGAGTIG CCTTANAATC AGTATGGACT TCCTTTTTCT 332201 ATTITTATITTA TCCGTATICTT TATCCTCTAG ATACTICTCAC ACTATCTTGT 332251 TICTTTAGCA TTATAAGTTT TGAAGTCAAG TAGTGTANAT TITTTCCAATT 332301 TIGTICTTTTT AGAAGTTGCCT ANAAGTTGCC ACATTGCCTC TIGTAGATACA
331951 TICTTAAAG TACCITTIGA AGAGAAATIT TGTTTIGATT TITGTAAAGA 332001 CCAGTTIGIC CATGITTITC TTTTATACIT CTAGAAGTIT TATAGTTTTA 332051 GCTCATAAAT TICAAGTITA TTTTTCAGTA TGGTGGAGG TAAGGGTCAA 332101 TGTTCATTT TTTCATATGG ATTTCTAGTA TTCACAGTAC CATTTCTTAA 332151 GATAATTTCC TTTTTGAGTG CCTTAAAATC AGTATGGACT TCCTTTTTCT 332201 ATTTTATTTA TCCGTATCTT TATCCTCTAG ATACTCTCAC ACTATCTTGT 332251 TICTTTAGCA TTATAAGTIT TGAAGTCAAG TAGTGTAAAT TTTTCCAATT 332301 TGTTCTTTTT AGAAGTTGCC AAAAGTTGCC ACATTGCCTC TGTAGATACA 332351 CACAGAGAGA GATTTAGACA CATACCTCTT TTTAACCACT TTGAGATAAT
331951 TICITIAAAG TACCITTIGA AGAGAAATIT TIGITTIGATT TITIGTAAAGA 332001 CCAGITTIGIC CATGITTITIC TITITATACIT CTAGAAGTIT TATAGITTITA 332051 GCTCATAAAT TICAAGTITA TITITCAGTA TIGGIGGAGG TAAGGGTCAA 332101 TIGTCATTIT TITICATATIGG ATTICTAGTA TICACAGTAC CATTICTTAA 332151 GATAATITICC TITITGAGTIG CCTTAAAATC AGTATIGACT TICCITTITICI 332201 ATTITATITIA TCCGTATICT TATCCTCTAG ATACITCTCAC ACTATCTTGT 332251 TICTTTAGCA TIATAAGTIT TIGAAGTCAAG TAGGGTAAAT TITICCAATT 332301 TIGTCTTTIT AGAAGTTIGCT AAAAGTTGCC ACATTICCCT TIGAGATACA 332351 CACAGAGAGA GATTTAGACA CATACCTCTT TITIAACCACT TIGAGATAAT 332401 TCACATACCA TAAAATTCAC TATTTIGAAAT ATTTAATTCA TIGATTTTAA
331951 TICTTAAAG TACCITTIGA AGAGAAATIT TGTTTIGATT TITGTAAAGA 332001 CCAGTTIGIC CATGITTITC TTTTATACIT CTAGAAGTIT TATAGTTTTA 332051 GCTCATAAAT TICAAGTITA TTTTTCAGTA TGGTGGAGG TAAGGGTCAA 332101 TGTTCATTT TTTCATATGG ATTTCTAGTA TTCACAGTAC CATTTCTTAA 332151 GATAATTTCC TTTTTGAGTG CCTTAAAATC AGTATGGACT TCCTTTTTCT 332201 ATTTTATTTA TCCGTATCTT TATCCTCTAG ATACTCTCAC ACTATCTTGT 332251 TICTTTAGCA TTATAAGTIT TGAAGTCAAG TAGTGTAAAT TTTTCCAATT 332301 TGTTCTTTTT AGAAGTTGCC AAAAGTTGCC ACATTGCCTC TGTAGATACA 332351 CACAGAGAGA GATTTAGACA CATACCTCTT TTTAACCACT TTGAGATAAT

332501	TATTCATGCT	TTCTCCTATT	ACCAAGAGCA	<b>ATGTCTGGTA</b>	TGTAATACAT
332551	CCTCACCAAA	TTTTCTGAA	TAAGTGAATC	CATTAGTIGT	TAAATAATGT
332337	ACCCATTACC	CTCTAGTAAA	ΑΤΑΤΤΑΛΓΑΛ	GCCTCATTTG	ACTICATTICA
33200T	AGGCATTAGC	TATTETTA	TEACAACTCE	CCTATTITCA	CCCATCTCTC
332651	GCTCTAGAAC	TATTCTTTTA	TIAGAACICI	GCIATTIGA	GGGATCTCTG
332701	AAACAGCTAA	CAGCTTAACT	CAGATATAGA	TACAGAIAIA	IAIAIAIGG
332751	TACAGATTTT	TTTTTTAAA	TGGAGTCTTA	TTCTGTCACC	CAGACTGGAG
222901	TCCACTACTG	CTATCTTGGT	TTACTGCAAC	CTCCCCCTCC	TGGGCTCAAG
332001	1004014010	ACCTTAGCCT	CCTCACTCCC	TOCCACTACA	CCCATCCACC
33582T	IGAICUICIC	ACCITAGCCI	CIGAGIOSC	TOGGACIACA	COCKIOCACC
332901	ACCGTGCCCA	<b>GCTAATTTTT</b>	GIAITTIII	GTAGAGATGT	GITTGICA
332951	TGTTGCCCAG	<b>GCTGGTCTCG</b>	AACTCCTGGA	CTCAAGCAGT	CTGCCCTCCT
333001	TOTTTOCA	<b>AAGTGCTGGG</b>	ATTGGCCGGG	CACCGTGGCT	CACGCCTGTA
333001	ATTCCCACCAC	TCTGGGAGAC	CAACCCACCC	ACATOGAACG	CCTGAGGTCA
22202T	ATCCAGGAC	1010004040	CCAACATCCT	CAAACCCCCCT	CTCTACTAAA
333101	GGAGTTCGAG	ACAAGCCTGG	CCAACATGGT	GAVACCCGI	CICIACIAVA
333151	AATTAGCCAG	GTGTGGTGGC	ATGIGCCIGI	AGTCCCAGCC	ACTAGGGAGG
333201	CTGAGGCAGG	<b>AGAATCTTGC</b>	AGTGAGCTGA	GACTGCGCCA	CTGCACTCCA
333251	COTTEGETGE	CAGAGTGAGA	CTCTGTCTCA	AAAAGAAAAA	AAAAAAAAAA
333231	CCAACTGCTG	GGATTATAGG	CETTCACCCAC	CATACCTGTC	CTTAAACCAT
22220T	CANGIGCIG	TTATTELACC	AACTTACAAA	AAAAATTCCT	TTTCATATAA
33332T	AIIIIAGIAG	TTATTTAAGG	AAGITACAAA	AWAITCE	CATCATATA
333401	TGAGTGCAAA	TTATTTGCAC	ATTITIGAAA	AGAGAATAGT	CAICITIAI
333451	TCACCTGATA	<b>ATTIGCTIGAGA</b>	AGGGCAAACC	TCCCATAAGT	ACTGCTTTTC
333501	TITITITI	$\mathbf{m}\mathbf{m}$	TTTTTGAGAC	AGAGACCTCC	TGCTCCACCC
333551	ACCTCACCAT	CCCAAAGTGC	TEGGATTACA	CCCCTCACCC	ACCGCCCCA
33333T	CCCTTCTATT	TTCAAAAGTA	CTCTTCACAT	TOTATO	CCTCACATAG
33300T	GCCHCIATT	TICAVAGIA	CICITGACAT	IGITIGIAIC	A ATTA ATTA CTC
333651	ATTATGGAAT	CTCTGGTACT	IGITTALLI	ACCAATTACG	AAIAAIAGIG
333701	GATTGTTCGT	GAAATTCCAG	ACATCTTTCC	CTAGGTATCT	TTGAGATGGA
333751	ATGTCAGTTC	TGAGCCCAGT	TAATTCATGT	TGCCTCATTT	TCTTTATAGG
333801	CTTIGATICCG	<b>GCCTGGAAGA</b>	ATTGATAGAA	TCATCTATGT	GCCTTTACCG
222051	CATCCACCAA	CAAGAAGGGA	AATATTTAAG	CICAGITIC	ACTCCATGCC
22202T	TOTTCACTAAT	GAAGTTGACC	TOCATICAACT	CATCOTTCAA	ACCEACCEAT
33390T	IGICAGIAAI	GAAGIIGACC	IGGAIGAACI	CAICCITOM	TACTOCCACO
333951	ACTCAGGAGC	AGAGG TAAGA	IAGITACELL	CAMATACCI	TAGTGGGAGG
334001	AAAGCGGTGG	CTCAGGGTCA	TTAAGCAAAA	TAMATTGCTT	GCCCTGAGGT
334051	GTTTTAAATG	<b>ACCATACTAA</b>	GAAATCTTGA	AACAGGAAGT	GCAGTACATG
334101	ACATACTCAC	TAAGTTAAAT	TGCACTTTAC	GTGGCTTCTA	TTATATCACA
224151	ATTOTOTE	ACTICATION	ATTATTTCTC	AAAATGTAGT	CTTCAGAGGA
224221	ALIGUITI	ACTIOCICCI	CAACACTACA	CTACAACTAC	ATTOTOCAC
334201	AIAGCAIAAI	AIAGIGAGAA	GAACACIAGA	CIAGAAGIAG	ATTCTTCCAC
334251	TGGGCTTCTT	AATACAGCAG	TTTCTAACCA	ATCACACACI	TCTCTAACTT
334301	TGCGTTCTTT	ACCCATCAAA	TGGAAATGAT	ACTACTACCT	тссстсст
334351	TTCCTCATGG	AGAGCATAGA	AATAAAATTA	GGATATCATG	AGTATAAAGG
334401	GCAAAGCAAA	CAGATTGTAT	CATTATCATC	TITTIGICAT	TTTGGCAAGT
22//51	TATCTCACTC	TAATITICIA	TTAAACATTC	TCTCACACTA	AAAGGGACCA
33 <del>41</del> 31	TOTOTO		TAAACTCTTC	ACAACAACAC	CAAGACCTCT
3345U1	. ICIGULI IA	CCICIGARGA	IAMCICITG	ACAGO TO AC	ATTITUTE
334551	GTGAAAATAT	GAAAATGACT	HIAIGIAIG	GCAGATIAAC	ATTITICIC
334601	. TCCTTACCAA	CTCTTTACTT	ATGCTATTTT	' Tatttaccaa	ATAAAATTCC
334651	ATGAAATAAT	TCTGCAACTT	TTCTAGCTGC	ATTTCTTAAG	GAAAGGACCA
334701	ACTATISTACC	TOGACACAGA	AATAGCATCT	GTCACACCAA	TGATGTAGAC
224751	TITTAATICC	ACATTAATAT	TTTTTAAGT	ACAAGGTTAC	AGATTATTTT
334731	TATTCTCACT	TACTOACTAC	CCTACCACTC	CACATHOTICE	TTIGCTIGCT
334601	IATICIGAAT	TACTOAGTAG	CIAGGACIC	AACACATTAC	CATATCACAC
334851	. ATTGTTTICA	TIGICIAI	GIAAACACCG	AAGAGAI IAC	CATATGACAG
334901	. Atcattagtg	GTACTCCGAG	AGTCTATTIG	GAACTGAACT	TAGTGTATCA
334951	. TGCAGTCATA	GCTAATAACA	ACAACCAAAA	TAAATCCCAG	ATCTATTCAT
335001	TGTTTGCCC	CAAGAACCAT	AGATATAGAT	ATAGACAGTC	CCCAACTTAT
335051	GACAGTTTGA	CTTAAGATTT	TGGGGCTTTA	CAATGGTGCA	AAAGTGGTAC
225101	ACACTCACTA	CACTCCTCAA	CTTACAATAC	ACCTACATCT	GGATAAATCC
222707	ACACICAGIA	CAAAATAACA	ACTICAAAAT	ATOTAACTO	AAAAACATAT
332727	. AICHAAGH	GAMMINACA	AGTIGAVAT	AIGGIAGIC	TACCACCACA
335201	. atgcatitii	GACTTAGACA	TATICAACIG	AIGAIGGGII	TACCAGGACA
335251	. Tagccccatc	: ataagttgag	GAGTATTTGT	ATTIGATTIT	CCTCCTTTAT
335301	ATTITICAAG	TCCACTGGAA	<b>TAAAAAGCCA</b>	i tgtggaaagt	AGCTTGAGAA
335351	GCAGTTGAAG	TGCGCTCACC	TTTAACTCCT	CTGAAACAGT	GATCTTTATG
335401	ACCATCCATA	AAGTTAAAAT	GAACATACAG	TTATEGITAA	CTGACTGCTC
225454	CAACATT	. VCVVII.	ALLEVOLLE, A	AGACGAGCCC	TGGCATCTTG
222421	. WWCAILIC!	ACAN I CARI	11110-41110		ACCAACAAC
332201	. IAIGAIGATA	IGGCAATTIG			ACGAAGAAAC
335551	. Catamatcic	TCACITGAGO	. CGAGTAAACT	AGANGAGCAG	TTAGCAAGAT
335601	. ATAAATATGC	CTTTCTCACT	TTGAAGTAAT	TCATGGTAGT	AACATCGAAG
335651	TGCAAAACAA	AAATAAAACC	CAGTGAGATT	CTATCTGGCT	AAAAGGAAAA
335701	ΔΔΔ((ΤΓΔΤΤ	TGGTGCCACC	AATTATTGTA	CTGGCTTGCT	AATTCTTATG
225751	TACTICACT	CTTATTTAAT	CTAACATGTA	AGCACATTTA	TGATTAATTT
727/27	TTATATA	CITALITAN	ATTOTOTO	CAAAACTACC	AGAAAATTCT
222801	. I IA IA IGAGA	ICITCIGAM	AIGIO	TAAT TO	CATTECCAC
<b>335851</b>	. ATCTTTCCTC	. AAATTATATT	HIGIGITA	. AIAAIGCTTG	GATTGGGGAG
335901	. GCCATCCCAT	TGTGGTCCTA	TTTATATTA	GTAIATTATT	ACAACTTCAT
225051	AGAAATTTTC	CTAACAGCTA	CATCTTAGTA	। जाटाजब्ज	TTCTAATTTA
222271	. ,				

336001 GATGAGGCAG GITTGTTCCC TGTTGAGGGT TTTTGTTTTG TTTTGTTTTG
22COST CTCTCAATAC CTACCCACTT CACACACTTC TTTTACCAAA ATTATTATTT
330031 dictioning disposal consults through Artificial
336101 CTTTAAAAGT CTTAAAGTTA ATAAACAGGA GATTTAGGAG ACTTTAATTA
336151 ATGCTTAAGA TAAAAGGTTT CATTTCTCTC TCTCTGTTTC TCTGTCTTCA
DODGE ALLEGE WITH CATCOL CONTRACTOR ATMACTING
336201 CACAGAACCT TCTACATGGT GTGTGTTTAA CAAGCACTTG ATAAACTGTG
336251 GGGAAAAAG ATTTTTAAAT TAGATTTAGG AAAAATAGAC TTCAGTTCTC
DOCADI ACTION ACADEMICS TETAACTICS TECTIALS ACADEMIT
336301 ATTTGTTACA AGAGGAGCCC TCTAACTCCC TGCTGTAGAC ACAGCCATTT
336351 TCTCAGAGTT GGAGTGTCTC TTTGGCCACT TTGGGTATAA AAATGAAACT
200401 CONTRACT TATTETECTS ASACASA ACASASA ACTATATAT ATTEMACATA
336401 ACTATCAATT TATTGTCCTC ACAAGAGAAT AGTATATTAT ATTCAAGATT
336451 ATATAAAATT AATTTTATTT AAGTGTATAC TATTAGCTAT ATGAACAAGA
336501 ATTTGGGCAG GAAAGCCAGA GACGAGGAAT TTCCTGGCAC TCTAATTGTT
330001 ATTIGGOOD GAAAGCAGA GACGAGGATT TICCIGGOAC ICIAATIGIT
336551 TTTTAGAAAC AAAATGTTGA AGTGTAGTGA GCATTTTTA TTTTTAGTGA
336601 AAAAGTTGTA GAGGATGATT AAGATGGAAA TGATACTGGT ACTTTTTTT
3300UL AAVAGIIGIA GAGGAIGAII AAGAIGGAAA IGAIACIGGI ACIIIIIII
336651 TTTTTTTTT TTTTTTGAG ACAGAGITTC GCCCTTGTAT CCCAGGCTGG
336701 AGTGCAGTGG CACGATCTTG GCTCACTGCA ACCTCCGCCT CCCGGGTTCA
330/01 AGIGOGIAG CAGARCIA GEOGRAPHICA GEOGRAPHICA
336751 AGCAATTCTC CTGCCTCAGC CTCCCAAGTC GCTGGGATTA CAGGCACCCA
336801 CCACCACGCC CAGCTAATTT TTGTATTTTT ATTAGAGACA GGGTTTCACC
230051 CONTRACTOR CONTRACTOR CONTRACTOR TO CONTRACTOR TO CONTRACTOR CONTRACTO
336851 ACATTIGGCCA GGCTGGTCTT GAACTCCTGA CCTCAGGTGA TCCGCCCACC
336901 TTGGCCTCCC AAAGTGCTGG GATTACAGGC ATGAGCCTCT GTGCCCACCA
336951 CTGGTACTTT TAATGGCAGG GATGAGAAGA GGTTACTTTA AAAAATTATT
337001 TTCTTTCAC TIGGTTATTT ATTTTGCCCA ATCAGCATTG TTCTATGAAA
337051 GCTTAGACCA GCTCAGTGTT TGAAATAGCT CCTTCTGGTC AAAGTTACTC
JAMES GETTAGE GETTAGE GETTAGE AND TACK
337101 CATTITICCT TCGTGGAGAG GGTATACAGA GAATTGAAAC ACTTITIGTAA
337151 GCCTCAGGAG GCTCTCAAGA GGAAGTCTGT CACCAGCTGG AAGGGGAATA
337131 GCTO-GGA GCTO-GGA GGA AGGA AGGA AGGA AGGA AGGA AGGA
337201 CAGCOGITTAG GGAGCAGCCT CTGAGGGGAG ACTGAAGCAG GTTGCGTCTT
337251 TTAGCCATCT CTGCCACCTG CCACTCATTG TCCCTGTGGC TATGGCCCTC
337301 ATTIGTCCTGG CTTCTTGACT GTAGCTGTCA GTTAATGAAA AAACATGTGC
33/301 ATIGICING CITCHNACT GLAGCINICA GITALIGHA AMONINIC
337351 CATTTAAAAG CAGAAGGGAA TTTCTCTCAG GAGGAAGTAA GTCTTTTTGC
337401 TTATCACTAT TGTTTICTTT TGCTCTGATT TTTGTTTTTT AAGTTATTTC
<b>557 102 1 11 11 2 15 11 1 1 1 1 1 1 1 1 1 1 1 </b>
337451 TAGCAATTCC ACCTCATTTA TTCATTTATC TTTTATCAAA TTATCCTGGT
337501 TACTITIGGA AGAGTITTAT CTGTAACAGA AAATCAACTG TCACAAATAT
207501 INCHES AND
337551 ATTTACAAAA AAAAGCAATA ACTGGGCTCA TTACCCCATA TGCCCTATGC
337601 TTGGGAACAC AGGTGATGAG TAAGATGCAT AATTTCTTCT GTGTATCAGA
227651 ATTOCKES ATTACKEDAD CACTESTATE TOTALABATIC COCTICANT
337651 ATTTGCTGAC ATAGGCCAAA GACTGATATC TGTAAAATTG GGGTTGAATT
337701 TITATTIGAA TITIGGATATT ATCCTCCTTT CAGTGAATCC CTTGGGATCA
337751 CCAATITIGTG AGGGAGTCAG GCCCTTCTTG GCCAGTTTGT AAATCTCCTC
337/31 COATTIGIT ASSESSMENT SECTION OF SECTI
337801 CCTTACATCT TCAGAGGCCA GCTTCAGCCA AGTGGGGACA CTGCAGTGAC
337851 AGGGAGGAGC CGATTGGGAC AGGCCCTTCC TGGGAGCAGG CATGCAACTC
337851 AGGGAGGAGC CGATTGGGAC AGGCCCTTCC TGGGAGCAGG CATGCAACTC
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAAAA CCTTCTTTTC TTTAAAATGT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAAAA CCTTCTTTTC TTTAAAATGT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAG
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAG 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAG 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAG 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT 338101 ATTTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCC
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTTA TTGCAATCTT ATGAATGTAG 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT 338101 ATTTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAA
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337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TTGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTTGTTT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TTGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTTGTTT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TTGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTTGTTT
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337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTIC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTT 338101 ATTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAA 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTA 338251 TGCTTGAGCT ATTATAGCTA ATAAAAAGGAG AGCCTTAAAT TACTTTTCTC 338301 TCTCACTGAT TAACGTTTTT TCTGACATCT CTTTTCTCC CACACAGTGC 338351 AAACAGAAGG AGCATTATA GCCACTTAAA ATGTCTGTAC TCTTCTTATC 338401 TGAAATCTCT TGTGATAGTA TTCCCCCAAAC TAAAATATCA GTCATTGTAT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAC 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTIC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTT 338101 ATTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAA 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTA 338251 TGCTTGAGCT ATTATAGCTA ATAAAAAGGAG AGCCTTAAAT TACTTTTCTC 338301 TCTCACTGAT TAACGTTTTT TCTGACATCT CTTTTCTCC CACACAGTGC 338351 AAACAGAAGG AGCATTATA GCCACTTAAA ATGTCTGTAC TCTTCTTATC 338401 TGAAATCTCT TGTGATAGTA TTCCCCCAAAC TAAAATATCA GTCATTGTAT
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TTTAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TTGCAATCTT ATGAATGTACAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACAAGASSO51 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT 338101 ATTTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAAGASSO1 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTAAGASSO1 TCCTCACTGAT TAACGTTTTT TCTGACATCT CTTTTTCTC CACACAGTGC 338351 AAACAGAAGG AGCATTATA GCCACTTAAA ATGTCTGTAC TCTTCTTATC 338401 TGAAATCTCT TGTGATAGTA TTCCCCCAAAC TAAAATATCA GTCATTGTATC 338451 TAGAATCTGG CATAGATTGT TCATCTGACC AGTCAAACAA CACATGTGACAACAA CACATGTGACAACAAACAACAA CACATGTGACAACAACAACAACAACAACAACAACAACAACAACAACA
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTACAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACAAGAGOTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT AGAGTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338101 ACTCAGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAATGGCA AAAAAAGAGAG AGCCTTAAAAT TACTTTTCTC 338201 ACACGAAGGA AGCCTTAAAAT TACTTTTTTTCTCTAGTGGAT TAACGATTTTT TCTGACATCTC CTTTTTCTCC CACACAGGGGAGGAGCATTATAA GCCACTTAAA ATGTCTGTAC TCTTCTTTTTCTCTAGAATCTCT TGTGATATGTA TTCCCCCAAAC ATGTCTGTAC TCTTCTTTTTATAGGATTAGTA TTCCCCCAAAC TAAAATATCA GTCATTGTATAGGATTAGTA TTCATCTGACC AGTCAAACAA CACATGTGACAGAGGAATAAA GGATTCTAAGGGACCAT TTGACCTGGT CTTAAGGCCTCTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGATTAGTA TTCATCTGACC AGTCAAACAA CACATGTGACAGAAGAA TAAGAGAATAAA GGATTCTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGAATAAA CACATGTGACAAGAA CACATGTGACAGAACAA CACATGTGACAGAATAAA GGATTCTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGAATAAAGGAACAA CACATGTGACAAGAAAAAAAAAA
337901 ATGATGTGGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTACAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACAAGAGOTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTTT AGAGTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338101 ACTCAGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAATGGCA AAAAAAGAGAG AGCCTTAAAAT TACTTTTCTC 338201 ACACGAAGGA AGCCTTAAAAT TACTTTTTTTCTCTAGTGGAT TAACGATTTTT TCTGACATCTC CTTTTTCTCC CACACAGGGGAGGAGCATTATAA GCCACTTAAA ATGTCTGTAC TCTTCTTTTTCTCTAGAATCTCT TGTGATATGTA TTCCCCCAAAC ATGTCTGTAC TCTTCTTTTTATAGGATTAGTA TTCCCCCAAAC TAAAATATCA GTCATTGTATAGGATTAGTA TTCATCTGACC AGTCAAACAA CACATGTGACAGAGGAATAAA GGATTCTAAGGGACCAT TTGACCTGGT CTTAAGGCCTCTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGATTAGTA TTCATCTGACC AGTCAAACAA CACATGTGACAGAAGAA TAAGAGAATAAA GGATTCTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGAATAAA CACATGTGACAAGAA CACATGTGACAGAACAA CACATGTGACAGAATAAA GGATTCTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGCCTTTAAAGGAATAAAGGAACAA CACATGTGACAAGAAAAAAAAAA
337901 ATGATGTGC AGTCAGGAGC AAAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTACAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACAAGASSOOL CTCAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACAAGASSOOL CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTTGTA GTCTATGCCT 338101 ATTTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTAAGASSOOL TCTCACTGAT TAACGTTTTT TCTGACAGTCT CTTTTTCTCC CACACAGAGG AGCATTATA GCCACTTAAA ATGTCTGTAC TCTCTTTTCTC 338401 TGAAATCTCT TGTGATAGTA TTCCCCAAAC TAAAATATCA GTCATTGTAT 338401 TGAAATCTCT TGTGATAGTA TTCCCCAAAC TAAAATATCA GTCATTGTAT 338451 TAGAATCTCG CATAGATTGT TCATCTGACC AGTCAAACAA CACATGTGAC 338501 ATAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGCGCT 338501 ATAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGCGCT 338501 ATAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGCGCT 338551 CTACTTATTA TTGTTAGAAA GCAGCTAGCA GCAGTGTACT TGTCTCCAAACAA GCAGTTGTACT TTGTTACCAAACAA GCAGTTGTACT TTGTTACCAAACAA GCAGTTGTACT TTGTTACCAAACAA GCAGTTGTACT TTGTTTACAAATATTA TTGTTAGAAAA GCAGCTAGCA GCAGTGTACT TTGTCTCCAAACAA GCAGTTGTACT TTGTTTACTATTA TTGTTAGAAAA GCAGCTAGCA GCAGTGTACT TTGTCTCCAAACAA GCAGTTGTACT TTGTTTACAAAATATTA TTGTTAGAAAAAAAAAA
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337901 ATGATGTGGC AGTCAGGAGC AAAAAAACA CCTTCTTTC TITAAAATGT 337951 AAAAATTTGC TTACTATAGT GGTTTTTTA TTGCAATCTT ATGAATGTAG 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTTGTTA 338101 ATTTTAAAT GATCTGTCAT GCCCTGAATT CTGTTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAC 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTA 338301 TCTCACTGAT TAACGTTTTT 338301 TCTCACTGAT TAACGTTTTT 338301 TCTCACTGAT TAACGTTTTT 338351 AAACAGAAGG AGCAATTATA GCCACTTAAAA TACTTTTCTC 338451 TAGAATCTCT TGTGTATAGTA TTCCCCAAAC TATAATTCA GTCATTGTAT 338451 TAGAATCTCT TGTGTATAGTA TTCCCCAAAC TAAAAATATCA GTCATTGTAT 338501 ATAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGGGCT 338501 GTGAAGCAGA GCAGCACAGT TCATCTGACC AGTCAAACAA CACATGTGAC 33851 CCAACCTCCT GGCCACGGAC CAGCACAGT CTCCTCACAGA CCAGTGTGAC 338701 GGCAGCAAAG TGAGCATTAC TGCCTAGCA GCAGTGTACT TGTCTCCAAA 338601 GTGAAGCAGA GCAGCACAGT CTCCTCACAGA CCAGGGTC 338701 GGCAGCACAAG TGAGCACTATC TGCCTCCTG TTAGGCGCT 338701 GGCAGCACAAG TGAGCACTATC TGCCTCCTG TTAGATCACC 338801 CCAACCTCCT GGCCACGGAC CAGCACCAGT ACTGCATAGCA TCTGCATAGC ATGAGTGGGTA 338801 GCGAGGGATC TAGGTTGTT CTCCCTAATC AGAACTCAC CCCCACCCC 338901 CCACAAAACC AGTCCCTGTTC CCCCAACACTT TTGGGGACTCTTCTTTTC 338901 CCACAAAACC AGTCCCTGTT CTCTTCATA GCAGCACCAGT CTTCCTTCATA 339001 ATGCTGCTAT CACCAAGTAG TCTACTATC TTGGGGACTC CTCTTAGAACAA 339001 ATGCTGCTAT CACCAAGTAG TCTCATATC TTGGGGACTC CTCTTTGTTC 339101 GAATTTCAAA ATACTCAGTG CTCTCATTC TTTGGGACCAA 339001 ATGCATCTCAAA ATACTCAGTG CTCTCATAC AAACTGCC CTATGCAACAA 339001 ATGCATCTCAAAAATGAAA ATACTCAGTG CTCTCATACAAAATG TCTTGGAACAA 339001 ATGCATCAAA ATACTCAGTG CTCTCATAC AAACTGCC CTATGCAAATAC 339001 ATGCATCAAT AAAAGTACAA AATACCAAAATACAA AAAATACAA 33901 CAACCAACTG GGAATAGAAA ATACCAAATAC AAAATACAA AAAATACAA 33901 CAACCAACTT ATGTCAGTTG TCATAAAGAAAAAATACAA AAAATACAA 33901 CAACCAACTTA ATGTCAGTTG TCATAAAGAAAAATACAA AAAATACAAAATACAAAATACAAAATACAAAATACAAAATACAAAATACAAAAATACAAAATACAAAATACAAAATACAAAATACAAAATACAAAATACAAAAATACAA
337901 ATGATGTIGG AGTCAGGAGC AAAAAAACA CCTTCTTTC TITTAAATGT 337951 AAAAATTTIGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAGT 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTTCATT AAACTTAGT AACTTTAGT AACTTTAGT TGTTTTGTTT
337901 ATGATIGISC AGTCAGGAGC AAAAAAACA CCTTCTTTC TITAAAATGI 337951 AAAAATTTIC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAG 338001 CTCTAGAGAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTT 338101 ATTTTAAAT GATCTGTCAT GCCCTGAATT CIGTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAA 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTA 338251 TGCTTGAGCT ATTATAGCTA ATAAAAGGAG AGCCTTAAAT TACTTTTCTC 338351 TCCCCTGAT TAACGTTTTT TCTGACATCT CTTTTTCTC CACACCAGTGC 338351 AAACAGAAGG AGCAATTATA GCCACTTAAA ATGCTGTGTAC TCTTCTTATG 338401 TGAAATCTCT TGTGATAGTA TCCCCCAAAC TAAAATATCA GTCATTGTAT 338451 TAGAATCTGG CATAGATTGT TCATCTGACC AGTCAAACAA CACATGGA 338501 ATAAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGCGCT 338551 CTACTTATTA TTGTTAGAAA GCAGCTACCA GCAGTGAACA CACATGGA 338601 GTGAAGCAGA GCAGCACAGT ACTTGACACT TGTCCTCCAAC 338701 GGCAGCACAG TGAGCATTAC TGCCTGGT CTTAAGCGCT 338701 GGCAGCACAG TGAGCATTAC TGCCTGAGT CTCCTACAGA CCAGGGGTCC 33871 AGTTGCACTTA GACTCTCTA GGAGCACGA CCCTATTGTG AACTATGCGT 338951 AGTTTCATTC CGAAACCAT CCCCCCCCCCC ATTTGTG AACTATGCGT 338901 CCACAAAACC AGTCCTCGT CCCCAAACTA CCCTATTGTG AACTATGCGT 338901 CCACAAAACC AGTCCTCGT CCCCAAAATC TTGGCACTC CTCTAGCAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGGGACTT CTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGGGACTT CTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTTCTTCTTTTTTTTTT
337901 ATGATIGISC AGTCAGGAGC AAAAAAACA CCTTCTTTC TITAAAATGI 337951 AAAAATTTIC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAG 338001 CTCTAGAGAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTC AAAAAGCTTT AACTTCATGT AAACTTAGTC TGTTTGTTT 338101 ATTTTAAAT GATCTGTCAT GCCCTGAATT CIGTTTGTA GTCTATGCCT 338151 TCCTGGGTCT AATAATAGCA CAAGATCTTC ATGCCAGCTT GACATTTAAA 338201 AAATCACCTT CTAGTTTGCC TCATTAATTC AAGAAGGGTC CTATTCACTA 338251 TGCTTGAGCT ATTATAGCTA ATAAAAGGAG AGCCTTAAAT TACTTTTCTC 338351 TCCCCTGAT TAACGTTTTT TCTGACATCT CTTTTTCTC CACACCAGTGC 338351 AAACAGAAGG AGCAATTATA GCCACTTAAA ATGCTGTGTAC TCTTCTTATG 338401 TGAAATCTCT TGTGATAGTA TCCCCCAAAC TAAAATATCA GTCATTGTAT 338451 TAGAATCTGG CATAGATTGT TCATCTGACC AGTCAAACAA CACATGGA 338501 ATAAGGAATAA GGATTCTAAG GAAGGACCAT TTGACCTGGT CTTAAGCGCT 338551 CTACTTATTA TTGTTAGAAA GCAGCTACCA GCAGTGAACA CACATGGA 338601 GTGAAGCAGA GCAGCACAGT ACTTGACACT TGTCCTCCAAC 338701 GGCAGCACAG TGAGCATTAC TGCCTGGT CTTAAGCGCT 338701 GGCAGCACAG TGAGCATTAC TGCCTGAGT CTCCTACAGA CCAGGGGTCC 33871 AGTTGCACTTA GACTCTCTA GGAGCACGA CCCTATTGTG AACTATGCGT 338951 AGTTTCATTC CGAAACCAT CCCCCCCCCCC ATTTGTG AACTATGCGT 338901 CCACAAAACC AGTCCTCGT CCCCAAACTA CCCTATTGTG AACTATGCGT 338901 CCACAAAACC AGTCCTCGT CCCCAAAATC TTGGCACTC CTCTAGCAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGGGACTT CTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGGGACTT CTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTGGAAC 339001 ATGCTGCTAT CACCAAGTAG TCTACTATT TTGAGCACT CTCTTTTTCTTCTTTTTTTTTT
337901 ATGATGTIGG AGTCAGGAGC AAAAAAACA CCTTCTTTC TITTAAATGT 337951 AAAAATTTIGC TTACTATAGT GGTTTTTTA TIGCAATCTT ATGAATGTAGT 338001 CTCTAGAAGA TCTTTTTAAA GCAATTCATT AGAGTTAAAT ACATTTCACA 338051 CTGAGTTTTC AAAAAGCTTT AACTTTCATT AAACTTAGT AACTTTAGT AACTTTAGT TGTTTTGTTT

339501					
330551	TATICTITIG	TACTCTTTTA	CACTTATTTT	זקודווכבוד מ	STITAGCTGT
	TACCATATIT	TCTACTTATT	TIATITITI	AGAGACAGGG T	CTCATTCTA
33231T	IACCATATTT	TOTAGLIALI	T	ATACCTTACT (	CAACTTTCA
339601	TTGCCCCAGGC	IGGAGIGCAG	IGICAIGAIC	ATACCTTACT C	SCARCITICA
339651	ACTCCTGGGC	TCAAGTGGTC	CTCCTGCCCA	AGCCTCCTGA C	STAGCTCAGA
330701	ATAGAGGTGC	ATGCCACTGT	GCCCAGCTAA	TITTITIAAA A	AAAATTTGTA
222/07	AIAGAGGIGC	TOTOCCAC	CCTCCTCTTA	AACTOCTOGC (	TCAACCAAT
333/2T	GACATIGICA	IGHIGOCAG	CIGGICITA	AMCTOLIGGE (	CIOMOCMI
339801	CCTCCTATCT	CAGCCTCCTA	AAGTGTTGGG	ATTACAGGCC 1	GAGCCACIG
330251	TETETEGECT	CTGTAGTTAT	TTTAATATGA	GCAGCTGCCT C	CATCTCCCCA
222027	AACACACATT	CTCTACCCCA	CACATCACTT	CTTGTACTTC T	TAAACTCTC
33990T	AACACAGATT	CICIAGGGA	GAGATCAGTT	CITGIACITC	TAMAGICIG
339951	GCAAAACAGC	TGTCTCACAC	ACACTCGGTG	GCATTAATA 7	TAGATGGGT
340001	CCTACATTTA	TISTATTIGATT	CTAAGTCATT	TTACCAACCA A	AAAATGTCAG
340001	WITCH A CATT	TOTAL	CCACTTICTA	GTTTAATCA	TATTTTCATA
340051	IIIIAACAII	IGCIGAAGIG	GCACITICIA	GITTAMICA	AITTIOAIA
340101	TACATTATCT	ATTTGAGTAC	CCTAACTCTA	TGAGAGCAGT (	CIGTAGGGA
340151	ΛΛΓΛΛΟΤΛΛΛ	GTCAAGCAAA	AGAAATTGGC	TTGTCTGAGA T	TCCCACAGCA
240201	**************************************	AAACCTCCCA	CCACAAACCA	<b>GGTCTCTCAG</b>	TTCCACTTCA
340201	AATAAGTGAC	AVALCIGGGA	CORONACOA	COLCIO CO	TOORCITOR
340251	AGGACTCCAC	GATCTCCTAA	TGOCICIGIG	TCAACACAAC (	GIICIIIGAA
340301	ACTITICATAG	TTCCCTTTGA	CGTCTCTGAA	TATTTGATAA A	4AGTTTGTCA
240251	ATTOCTOR	ATACTCACTT	ACCAAACTAA	ACAGCAGTTA 7	TGAAACATCT
240221	ATTOCIGION	AIAGIGACII	ACCOMMENT	TAATTOTOTT T	TACCEACCEE
340401	GTACCATTTT	TATACCITII	TCTCTTACAG	TAATTGTCTT	IACCIACCII
340451	GTTTCATCT	TCTCCAAAAA	<b>AGTATAAGCT</b>	ACCTAMAGTT A	AGGAACCTTG
340501	TITTATCAA	TTAATTICTT	ΤΙΔΤΙΤΙΚΙΙΔ	GGTATTGTGA A	ATAATGTTTG
240551	CAATTACOM	TC4444	AAACAACCAA	CTTTTATATA	ATCTATTAT
24022T	CAATTIAGAA	IGWWGIAI	MACARCARA	GITTIATATA A	MINIMIDIA
340601	GTGGCATGAT	CTACTGATGT	GCAGAATGCT	ATAGGAGAAA (	GGAGGAG
340651	TAACTCACAC	TACCTRIGGAT	TAAATGAGAT	AGATGATACC (	CAGAAGAATT
340701	1440104040	TTTTCATCC	CACATOCAAA	GGCAGAGATG /	ΔΑΤΓΑΔΑΓΑΛ
240/0T	TITLICIGAG	TITIOATOO	CACALIGO WA	CAATATONIO /	
340751	CATGGTGTGG	TCTAAAATCA	GITAAAGTIT	GAATATGATT (	AJAAAAJAJ
340801	GICTICATGI	AGAAGTAGTA	<b>GGGGATGAAG</b>	CAGAAAAAGT /	AGGTCAGACT
340051	TAAATATCAA	CCAACTTCAA	TATCATCCGA	ACTIGCTTTT (	CTCCTTTCAG
240021	IAMIAIGA	GGAACTIGAA	ATTORIOGE	ACT TOCT THE	ACATETICTAT
340901	CAATGGAAAA	CCATIGAAAA	AIGIGAICAC	TGTTGTGGTC /	AGATTIGIAL
340951	TATTGAAAGA	TTTGTGGCAT	TTGTGTCCAA	AGCCACCACT /	AGCTAGCCTT
341001	CCAAGCACCA	TTACACGAAT	TAGAAAAAGG	TGTTCCTTCA (	CCCCACTTGG
2/1051	TCACACCTIT	TTCTTACACC	AAAAAGCTTG	TCAGAGCATG A	ΔΟΓΔΔΓΑΤΤΤ
				CCCTTTTGTA	
341151	TTACATCIGI	ACAAGGTGTC	TTATTTTIGT	CTTCTCCACC '	THAICICC
341201	TCACAATGCC	TAGCATAGCA	CCTTATATAG	AGTTATTGTC A	ATTAAATAAA
2/1751	CAAATCCACA	CTITACATCT	CAAATATATA	AACTACTTTC T	Τσταρίττα
341231	COMIGGRA	CITIACATCI	TOCATAAAA	TAAATTGGGA	CTATTAAACA
341301	ACATHACCI	CATGAGCCCCT	IGGAIAWWA	IAMAT I GGGA	CIATIAVAGA
341351	. TGICTTTGI	<b>AGAAGATACA</b>	GAAATGGCCA	ACAAACATGA A	<del>aaaaa</del> tagca
341401					
	TCACTAATGA	TCAGGAAAAT	<b>GCAAATCAAA</b>	ACCACAGTGC A	AATACCACTT
3/1/51	TATTOCTATA	TCAGGAAAAT	GCAAATCAAA TAATCAAAAA	ACCACAGTGC A	AATACCACTT
341451	TATTCCTATA	AGAATAGCCA	TAATCAAAAA	ACCACAGTGC A	AATACCACTT AATAGATGTT
341451 341501	TATTCCTATA	AGAATAGCCA TGCTAAAAAG	TAATCAAAAA GGGACATCGT	ACCACAGTGC ATCAAAAAAT A	AATACCACTT AATAGATGTT GTGGGAATGT
341451 341501 341551	GGCGTGGATG  AAACTAGTAC	AGAATAGCCA TGCTAAAAAG AATCACTATG	TAATCAAAAA GGGACATCGT GAAAACAGTG	ACCACAGTGC ATCAAAAAAT ATCACACTGCTG CTAGAGATTCC	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT
341451 341501 341551 341601	TATTOCTATA GGOGTGGATG AAACTAGTACAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT	ACCACAGTGC ATCAAAAAAT ATCACTGCTG CTAGAGATTCC CCCACTGCTA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC
341451 341501 341551 341601	TATTOCTATA GGOGTGGATG AAACTAGTACAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT	ACCACAGTGC ATCAAAAAAT ATCACTGCTG CTAGAGATTCC CCCACTGCTA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC
341451 341501 341551 341601 341651	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT	ACCACAGTGC ATCAAAAAAT ATCACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT
341451 341501 341551 341601 341651 341701	TATTICETATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG	ACCACAGTGC ATCAAAAAAT ATCACTGCTG (TAGAGATTCCC CCCACTGCTA (ACTTACACAT (GAACCAGCCC)	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT
341451 341501 341551 341601 341651 341701 341751	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC ATCAACAAT GAACCAGCCC ATATATATATAC A	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT
341451 341501 341551 341601 341651 341701 341751	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC ATCAACAAT GAACCAGCCC ATATATATATAC A	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT
341451 341501 341551 341601 341651 341701 341751 341801	. TATTCCTATA . GGCGTGGATG . AAACTAGTAC . AAAAGTAGAA . AGAGGAAATA . AGCAGCACAA . CAATCAACAA . ACTACTTAGC	AGAATAGCCA TIGCTAAAAAG AATICACTATIG CTACCATTITG AGTICATTATA TTCACAATTA GTIGGATACAG CATAAAAAAGG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA	ACCACAGTGC ATCAAAAAAT ATACACTGCTG GTAGAGATTCCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATAC ATGGCATTCGC ATGGCATTCGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGC ATGGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCGCATTCATT	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG
341451 341551 341601 341651 341701 341751 341801 341851	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGCA ATGGAATTGG	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAGG CAACCATTAT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATAC GTAACTCAGA GTAACTCAGA GTAACTCAGA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AACATGGAAT AGCAACCTGG AACAGAAACC
341451 341501 341551 341601 341651 341701 341751 341801 341851	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGGAATTGG	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAGG CAACCATTAT ATGTTCTTAC	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGGA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC ATGGCATTCGC GTAACTCAGA GAGCAAAGCT ACCACAAAGCT AGAGCAAAAGCT ACCACAAAAAGCT ACCACAAAAAAGCT ACCACAAAAAAAAAA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT ACCAGAAACC ATGAGTATGC
341451 341501 341551 341601 341651 341701 341751 341801 341851 341901	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAGG CAACCATTACA ATGTTCTTAC GAATGATACA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGGA GTGGACTCTG	ACCACAGTGC ATCAAAAAAT ATACACTGCTG GTAACTACACAT GAACCAGCCC ATATATATACACATGGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACTAGAACAAAACCTAGGAACTAGAAAAACCTAGGAACTAGAAAAAACCTAGGAACTAGAAAAAACCTAGGAACTAGAAAAAACCTAGGAACTAGAAAAAACCTAGGAACTAGAAAAAAACCTAGGAACTAGAAAAAAACCTAGGAACTAGAAAAAACCTAGGAACTAGAAAAAAACCTAGGAACTAGAAAAAAACCTAGGAACTAGAAAAAAACCTAGGAACTAGAAAAAAAA	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  ACCACCTGG  AACAGAAACC  ATGAGTATCC  GGAAAGGGTG
341451 341501 341551 341601 341651 341751 341801 341851 341951 341953	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTGTGGC AACGAAATAA TCTAAGTGGA TCATAAGTGGG GTGGACTCTG AGACTACACA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAGAGATTCC ATTATATATATA ACTACACAT GAACCAGCCC ATATATATATAC ATGACATCAGA ACCAGCCATCAGA ACCAGCCTAGAGATTCAGA ACCAGCATTCAGA ACCAGCATTCAGA ACCAGCATTCAGA ACCAGCAAAACCT ACGGACTAGAGATTCAGA ACCAGAGCAAAACCT ACGGACTACAGA ACCAGAGCAAAACCT ACGGACTACAGAGTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCAAAACCT ACGGACTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGCTACAGAGAGAG	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  AGCAACCTGG  AACAGAAACC  ATGAGTATGC  GGAAAGGGTG  TGTACACTGC
341451 341501 341551 341601 341651 341701 341751 341801 341851 341901 341951 342001	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTACA GAGGGATAAA AGTGGATACAA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGA TCTAAGTGGA TCATAAGTGGA AGACTACACA AATCTCAGAA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAACTCAGA ACTTACACAT GAACCAGCCC ATATATATATAC AGACCAAGCCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCACACAGACT AGACCACACACACACACACACACACACACACACACACAC	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  AGCAACCTGG  AACAGAAACC  ATGAGTATGC  GGAAAGGGTG  TGTACACTGC  AAGAACTTAT
341451 341501 341551 341601 341651 341701 341751 341801 341851 341901 341951 342001	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTACA GAGGGATAAA AGTGGATACAA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGGA TCTAAGTGGA TCATAAGTGGA AGACTACACA AATCTCAGAA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTAACTCAGA ACTTACACAT GAACCAGCCC ATATATATATAC AGACCAAGCCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCAAAGCT AGACCACAAGCT AGACCACACACACAAAAACACAAAAAGCAAGCAAAAGCT AGACCAACACAAAAAAAAAA	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  AGCAACCTGG  AACAGAAACC  ATGAGTATGC  GGAAAGGGTG  TGTACACTGC  AAGAACTTAT
341451 341501 341551 341601 341651 341701 341751 341801 341851 341901 342051 342051	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATTGTAACC	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACAA AGTGGATACAA AGTGGATACAA AAGTGCACCAA AAACACCATG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTACACA AATCTCAGAA TGTTCCCCAA	ACCACAGTGC ATCAAAAAAT ATCACTGCTG GTACACAGCCC ATTATATATACA AGGCAATTCGC GTAACTCAGA AGGCAAAGCT AGGCAAAGCT AGGCAAAGCT AGGCAAAGCT AGGCAAAGCT AGGCAAAGCT AAAACCTATTG AAAACCTATTG AAAAACCTATTG AAAAAAAAAA	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  AGCAACCTGG  AACAGAAACC  ATGAGTATGC  GGAAAGGGTG  TGTACACTGC  AAGAACTTAT  AAATAAAAAA
341451 341501 341551 341601 341651 341701 341751 341801 341951 342001 342051 342051 342101	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGGGTGATG CTATGTAACC TGAAAATAAT	AGAATAGCCA TGCTAAAAAG AATCACTATG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACAA GAGGGATACAA AGTGCACCAA AAACACCATG	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCTAAGTGGA TCATAAGTGG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA	ACCACAGTGC ATCAAAAAAT ATACACTGCTG GAACCAGCCC ATATATATACAC TGGACTTACACAT GAACCAGCCC ATATATATATAC AGGCAAAGCT AGGCAAAGCT AGGGACTTGGG ATCACCACTA AAACCTATTG AACCTTAACCC AAACCTATTG AACCTTAACCC	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  AGCAACCTGG  AACAGAAACC  ATGAGTATGC  GGAAAGGGTG  TGTACACTGC  AAGAACTTAT  AAATAAAAAA  TGCCATGAGG
341451 341501 341551 341601 341651 341751 341801 341851 341901 342001 342051 342101 342151	TATTCCTATA GGCGTGGATG AAACTAGTACA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGGGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT	AGAATAGCCA TIGCTAAAAAG AATCACTATIG CTACCATTTIG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATIGTTCTTAC GAGGGATACA AGTIGCACCAA AGTIGCACCAA AAACACCATG AATAAAAAGGT GATTGTAAAATT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGG GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AAAACTTATAC TAAAAGTAAG	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAAG GTGGATTATA
341451 341501 341551 341601 341651 341751 341801 341851 341901 342001 342051 342101 342151	TATTCCTATA GGCGTGGATG AAACTAGTACA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGGGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT	AGAATAGCCA TIGCTAAAAAG AATCACTATIG CTACCATTTIG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATIGTTCTTAC GAGGGATACA AGTIGCACCAA AGTIGCACCAA AAACACCATG AATAAAAAGGT GATTGTAAAATT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGG GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AAAACTTATAC TAAAAGTAAG	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAAG GTGGATTATA
341451 341501 341551 341601 341651 341751 341801 341851 341901 341951 342001 342151 342101 342201 342201	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TTCCTCTGAGC	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GATAAAAAAGGT CATATTATGTT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGG GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCCAA CTTTTGTGCAA CTTTTGTGCAA	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTCGG ATCACCACTA AAACCTATTG AACTTTAACC TTAAAAGTAAC ATAAAACTCTA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGGTTATA AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGGTTATA AGGACAAAAG
341451 341501 341551 341601 341651 341751 341801 341851 341901 342001 34201 342151 342251 342251 342301	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TACAGCACTT TCCTCTGAGC CACAACCTCT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAAATT CATATTATGT CACCTGTTT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGG GTGGACTICTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAA AACTTTGAAT AACTTTGAAT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTTAACC TTAAAAGTAAC ATAAAGTAAC ATAAAGTAAC ATATGGCTCT AATATGGCTCT	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGT TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AGGACAAAAG CTGTTGTAAA
341451 341501 341551 341601 341651 341751 341801 341851 341901 34201 34201 342151 342201 342251 342301 342301	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAAATT CATATTATGT CATATTATGT GCACCTGTTT AGGGATCTTT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAAATATG AAATTIGTGGC AAGGAAATAA TCTAAGTGAA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG TTGGGTACAG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAC ATATGGCTCT ATCAGCATGT	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGTATAT AGGACAAAAG GTGGATTATA AGGACAAAAG CTGAAAAGTA
341451 341501 341551 341601 341651 341701 341751 341851 341901 34201 34201 34201 342251 342301 342351 342351 342401	TATTCCTATA GGCGTGGATG AAACTAGTACA AAAAGTAGAAA AGAGGAAATA AGCAGCACAAA ACTACTTAGCA ATGAATTAGA TGAACATATT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTATGA	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTTG AGTCATTATA TITCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAGGT GTIGTAAATT CATATTATGT GCACCTGTTT AGGGATCTTT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AAGGAAATAA TCTAAGTGAA TCATAAGTGGA GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AATTGGCCTAAAA TTGAGCTAAGT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTAACC TAAAAGTAAC ATAAACTCTA ATATGGCTCT ATCAGCATGT CCTGTACCAC	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT ACCATGGAAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGTATAA AGGACAAAAG CTGTTGTAAAA GCTAAAAGTA TCCCCTTTTC
341451 341501 341551 341601 341651 341751 341851 341801 341901 34201 34201 342151 342201 342351 342301 342401 342401 342401	TATTCCTATA GGCGTGGATG AAACTAGTACA AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGA ATTCACAA ACTACTTAGA TIGGATTGG CAAACATCAT TIGGGTGATG CTATGTAACC TIGAAAATAAT TACAGCACTT TIGCTCTGAGC CACAACCTCT TIGAATTTGG CACAACCTCT TIGAATTTAGG CACAACCTCT TIGAATTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CCCTTCTTTCAGC CCTTCTTTCAGC CCCTTCTTTCAGC CCCTTCTTCAGC CCTTCTTCAGC CCTTTCTTCAGC CCTTTTCTTCAGC CCTTTTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAAGGT GTTIGTAAATT CATATTATGT ACGGATCTTT ACTGTAACTT CATTTTATGA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AAGGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TGTTCCCCAA ATTCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ATTGGCCTAAA CTAGAGCTAAAA CTAGAGCTAAAA TTGAGCTAAGT TCTACATGCT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATAAACTCTA ATAACCTCTA ATAACCTCTA ATCAGCATGT CCTGTACCAC AGTGAAGAA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAT AAATAAAAAA TGCCATGAGG GTGGATTAT AAATAAAAAA TGCCATGAGG CTGTTGTAAA GGGACAAAAGT CTGTTGTAAA TCCCCTTTTC ATTTGGTAAA
341451 341501 341551 341601 341651 341751 341851 341801 341901 34201 34201 342151 342201 342351 342301 342401 342401 342401	TATTCCTATA GGCGTGGATG AAACTAGTACA AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGA ATTCACAA ACTACTTAGA TIGGATTGG CAAACATCAT TIGGGTGATG CTATGTAACC TIGAAAATAAT TACAGCACTT TIGCTCTGAGC CACAACCTCT TIGAATTTGG CACAACCTCT TIGAATTTAGG CACAACCTCT TIGAATTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CACAACCTCT TIGAATTTTAGG CCCTTCTTTCAGC CCTTCTTTCAGC CCCTTCTTTCAGC CCCTTCTTCAGC CCTTCTTCAGC CCTTTCTTCAGC CCTTTTCTTCAGC CCTTTTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTTCAGC CCTTTTCTT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAAGGT GTTIGTAAATT CATATTATGT ACGGATCTTT ACTGTAACTT CATTTTATGA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AAGGAAATAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TCTAAGTGAA TGTTCCCCAA ATTCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ATTGGCCTAAA CTAGAGCTAAAA CTAGAGCTAAAA TTGAGCTAAGT TCTACATGCT	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATAAACTCTA ATAACCTCTA ATAACCTCTA ATCAGCATGT CCTGTACCAC AGTGAAGAA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAAT ACCATGGAT AAATAAAAAA TGCCATGAGG GTGGATTAT AAATAAAAAA TGCCATGAGG CTGTTGTAAA GGGACAAAAGT CTGTTGTAAA TCCCCTTTTC ATTTGGTAAA
341451 341501 341551 341601 341651 341751 341851 341801 341901 342051 34201 342151 342201 342351 342301 342451 342451 342451 342501	TATTICCTATA GGCGTGGATG AAACTAGTACA AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGG ATTGGAATTGG CAAACATCTT AAAAGGCATAA TIGAGGGGAGT TIGAGTGATTAACC TIGAAAATAAT TACAGCACTT TICCTCTGAGC CACAACCTTCT TIGATTATGG CCTTCTTCAGC CCTTCTTCAG	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTATA ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAAGGT GTTGTAAATT CATATTATGT GCACCTGTTT ACTGTAACTT CATTTTATGA CATCATGGCCCAA CATCATGGCCCAA	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAAA TCTAAGTGAA TCATAAGTGAA TCATAAGTGAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ATTGAGCTAAA CAGAGCAAAA TTGAGCTAGAAC ACTTACATGCT ACCTAGAACA	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATACC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATAAACTCTA ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGAGTTT	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AACATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AGGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA
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341451 341501 341551 341601 341651 341751 341801 341851 341901 34201 34201 342151 342201 342251 342301 342451 342401 342451 342551 342551	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CTATGTAACC TGAAAATAAT TACAGCACTT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTTAGG CCTTCTTCAG CCTTCTTCAG AGCCAAGACC TTTATCATTT	AGAATAGCCA TIGCTAAAAAG AATCACTATIG CTACCATTTIG AGTICATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAC AGGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAGGT GATTIGTAAATT CATATTATGT GCACCTGTTT AGGGATCTTT AGGGATCTTT ACTIGTAACTT CATCTTTACA CATCATGGCC GTAGAACTCA ATAATCCTTT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAAA TCTAAGTGGG GTGGACTCTG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAGT AACTTTGAGT AACTTAGACT AACTTAGACT ACCTAGAACA TTGAGCTAGAC ACCTTACACTGCT ACCTAGAACTA TCACATGCT ACCTAGAACA CTTTCATCTT CAAGTGTTAA	ACCACAGTGC ATCAAAAAAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAACGG AAATCTGTGT	AATACCACTT  AATAGATGTT  GTGGGAATGT  TTAAAGAACT  GTATCTACCC  GCATGTTTAT  AAATGCCCAT  ACCATGGAAT  ACCATGGAAT  ACCAGAAACC  ATGAGTATCC  GGAAAGCGTG  TGTACACTGC  AAGAACTTAT  AAATAAAAAA  TGCCATGAGG  GTGGATTATA  AGGACAAAGC  CTGTTGTAAA  GCTAAAAGTA  TCCCCTTTTC  ATTTGGTAAA  AGCCAAATCA  GATAGGAAGA  GGTTATATAC
341451 341501 341551 341601 341651 341751 341801 341851 341901 34203 34203 34203 342101 342151 342201 342301 342451 342401 342451 342501 342601 342601 342601	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CACAACCTCT TCCTCTGAGC CACAACCTCT TGAATTATGA GATATTTAGG CACAACCTCT TGAATTATGA CACACCTCT TGAATTATGA CACACCTCT TGAATTTAGG CACAACCTCT TGAATTTAGG CACAACCTCT TGAATTTAGG CACAACCTCT TGAATTTAGG CACTTCTTCAG CACACCTCT TGAATTTAGG CACTTCTTCAG CAGCCAAGACC TTTATCATTT TGGTCTTTTAT	AGAATAGCCA TIGCTAAAAAG AATCACTATIG CTACCATTTIG AGTICATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAC AGTICTTAC GAATGATACA AGTIGCACCAA AAACACCATG AATAAAAGGT GATTIGTAAATT CATATTATGT GCACCTGTTT ACTIGTAACTT ACTIGTAACTT CATCATTGCC GTAGAACTCA ATAATCCTTT TTAAAATTAAT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTGTGGC AACGAAATAA TCTAAGTGGA ATCTCAGAA TCTAAGTGGA AGCTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT CAGAGCAAAA TTGAGCTAGAT TCTACATGAT ACCTAGAACA CTTTTCATCTT CAAGTGTTAA	ACCACAGTGC ATCAMAMAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATATAC TGGCATTCGC GTAACTCAGA GAGCAAAGCT GGGACTTGGG ATCACCACTA AAACCTATTG AACCTATTG AACTTAACC TAMAAGTAAG ATATAGCTCTA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG AAATCTGTGT GTAATAAGGG AAATCTGTGT ATCACCATTGG ATTAGCCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG AAATCTGTGT ATCACCTTAGG	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AGGACAAAGG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GGTAGGAGAGA GGTTAGGAGAGA GGTTAGGAAGA GGTTAGGAACCT
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341451 341501 341551 341601 341651 341751 341801 341851 341901 342001 342001 342251 342251 342251 342301 342451 342501 34251 342601 342651 342751 342751 342751	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA CAATCAACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CACAACCTCT TGAAATAATAT TACAGCACTT TGAATTATGA GATATTTAGG CCTTCTTCAG AGCCAAGACC TTTATCATTT TGGTCTTTTT TGGTCTTTT TGGTCTTT TGGTCTTTT TGGTCTTTT TGGTCTTT TGGTCTTT TGGTCTTTT TGGTCTTT TGGTCTTT TGGTCTTTT TGGTCTTT TGGTCTTT TGGTCTTT TGGTCTTT TGGTCTTT TGGTCTTT TGGTCTT TGGTCTTT TGGTCTTT TGGTCTT TGGTCT TGGTC	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA ATGGATACAG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AAGCACCAA AAACACCATG AATAAAAAGG GTIGTAAAATT CATATTATGT CATATTATGT ACTGTAACTT ACTGTAACTT ACTGTAACTT TAAATTCTTT TTAAATTAAT GTAGTATGGC GTAGTATCTT TTAAATTAAT GTAGTATGGC AATTATTGGT AGTAGTATGGC ATTATTGGT AGTAGTATGGC ATTATTGGT AATTATTGGT AATTATTGGT AATTATTGGC	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AACGAAATAA TCTAAGTGAA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA ATCTTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT TCTACATGCT ACCTAGAACAA CTTTCATCTT CAAGTGTTAA TGTATAAAGGA TTTACATGCT CAAGTGTTAA TGTATAAAGGA TATGCTTCT CCAGAAGAAT TCCAGAAGAAT TGTATAAAGGA TATGCTCTCT CCAGAAGAAT	ACCACAGTGC ATCAMAMATT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GACCAGCCC ATATATATACC TGGCATTCGC GTAACTCAGA GAGCAAGCT GGGACTTGGG ATTGGGTACAG ATCACCACTA AAACCTATTG AACCTTTAACC TTAGAGTATG ATCATGAGTATG ATTTAACC TAMAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGAGTTT GTAATAAGGG AAATCTGTGT ATCCCTTAGG TTACAGTCTG ATCCCTTAGG TTACAGTCTG AATATGAGTTT GTAATAAGGG AAATCTGTGT ATCCCTTAGG TTACAGTCTG AATATTTTC GGGGACCTTA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AAGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATTAGGAAGA GGTTATATAC GATTGGACCT TCCAGAAAAGC TTCTGTGGCC AATGACTCTG
341451 341501 341551 341601 341651 341751 341801 341851 341901 34201 34201 342201 342201 342251 342301 342401 342501 342501 342501 342751 342751 342751 342751 342751 342751 342751 342751	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CATCTTGAGC CACAACCTCT TCACTTGAGC CACAACCTTT TCCTCTGAGC CACAACCTCT TGAAATAATA TACAGCACTT TGAATTATGA CCTTCTTCAG AGCCAGACC TTTATCATTT TGGTCTTTTI CTGTCATAAA CCCAGGGATAT TGGGATTTTI CTGTCATAAA CCCAGGGATAT TGGGATTTTI ACAGGACTCTT AAAAGATATTA ACAGGGATTT ACAGGACTCTT AAAAGATATT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGGATTT ACAGGTGCACA	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AACACCATG AATAAAAGGT GTAGTAACATT ACTGTAACATT ACTGTAACTT ACTGTAACTT ACTGTAACTT CATTATTATGA CATCATTGGCC GTAGAACTCA TTAAATTCGTT TTAAATTAAT GTAGTATTAGT GGATCTTT TTAAATTAAT GTAGTATTGGT GGATCTTT ATTATGGCC GTAGTATCGTT ATTATTGGT AATTATTGGT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATATG AAATTGTGGC AAGGAAATAA TCTAAGTGAA TCATAAGTGG AGACTACACA AATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTACATGCT ACCTAGAACA CTTTCATCTT CAAGTGTTAA TGTATAAGGA TATGCTCTCC CAATGCCTCTC CCAGAAGAAT TTTAATAAAA	ACCACAGTGC ATCAMAMAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATACAC TGGCATTCGC GTAACTCAGA GAGCAAGCT GGGACTTGGG ATTGGGTACAG ATCACCACTA AAACCTATTG AACTTTAACC TAAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATTGGCTCT ATCAGCTTAGG TTACAGTTTACGG TTACAGTTTACAGT TTACAGT TTACAG	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT ACCATGGAAT ACCATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGG GTGGATTATA AGGACAAAAG CTGTTGTAAA GCTAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATTGGACCT TTCCAGAAAGC TTCTGTGGCC AATGACTCTG CAAACTTTAA
341451 341501 341551 341601 341651 341751 341751 341801 341851 342001 34201 34201 342251 342301 342351 342401 342401 342451 342501 342601 342751 342801 342801 342801 342801 342801 342801	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CACAACCTTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TGAATTATGA CCAGAGCT TTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG CCAGGGATAT TGGGATCTTC AAAAGATATT AAAAGATATT ACAGTGCACC CAGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACAC ACTACTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACCTTCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAGGT GTAGTACATTATGT GCACCTGTTT ACTGTAACTT ACTGTAACTT CATTTTATGA CATCATTGGCC GTAGAACTCA TTAAATTAAT GTAGTATGGT GAACTTGGCA CATCATTGGCA CATCATTGGAA CATCATTGAA CATCATTGGAA CATCATTGGAA CATCATTGAA CATCATTATTGAA CATCATTATTATTGAA CATCATTATTATTATTATTATTATTATTATTATTATTATT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTAGTGGA ATCTAAGTGGA TCATAAGTGGA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTAGACTAGT TCTACATGCT ACCTAGAACA CTTTCATCTT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CAATGCTTCTC CAAGAGAATTT CAATGCTTCTC CAAGAGAATTT TTAATAAAAA AAGAAAATTT	ACCACAGTGC ATCAMAMATT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATACC TGGCATTCGC GTAACTCAGA GAGCAAGCT GGGACTTGGG ATTGGGTACAG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCTTTG GTAATAAGGG AAATTTTC GGGGACCTTA ATCCCTTAGG TTACAGTCTTG AAATATTTC GGGGACCTTA TTCCTCTTAGG TACATGCTCA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT AACATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGTATA AGGACAAAAG CTGATGAGTATA AGGCAAAAGG GTTGAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATTGGACCT TCCAGAAAGC TTCTGTGGCC AATGACTTTAA GAGAGTTGAA
341451 341501 341551 341601 341651 341751 341751 341801 341851 342001 34201 34201 342251 342301 342351 342401 342401 342451 342501 342601 342751 342801 342801 342801 342801 342801 342801	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CACAACCTTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TGAATTATGA CCAGAGCT TTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG CCAGGGATAT TGGGATCTTC AAAAGATATT AAAAGATATT ACAGTGCACC CAGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACAC ACTACTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACCTTCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAGGT GTAGTACATTATGT GCACCTGTTT ACTGTAACTT ACTGTAACTT CATTTTATGA CATCATTGGCC GTAGAACTCA TTAAATTAAT GTAGTATGGT GAACTTGGCA CATCATTGGCA CATCATTGGAA CATCATTGAA CATCATTGGAA CATCATTGGAA CATCATTGAA CATCATTATTGAA CATCATTATTATTGAA CATCATTATTATTATTATTATTATTATTATTATTATTATT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTAGTGGA ATCTAAGTGGA TCATAAGTGGA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTAGACTAGT TCTACATGCT ACCTAGAACA CTTTCATCTT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CAATGCTTCTC CAAGAGAATTT CAATGCTTCTC CAAGAGAATTT TTAATAAAAA AAGAAAATTT	ACCACAGTGC ATCAMAMATT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATACC TGGCATTCGC GTAACTCAGA GAGCAAGCT GGGACTTGGG ATTGGGTACAG ATCACCACTA AAACCTATTG AACTTTAACC TAAAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCTTTG GTAATAAGGG AAATTTTC GGGGACCTTA ATCCCTTAGG TTACAGTCTTG AAATATTTC GGGGACCTTA TTCCTCTTAGG TACATGCTCA	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT AACATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGTATA AGGACAAAAG CTGATGAGTATA AGGCAAAAGG GTTGAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATTGGACCT TCCAGAAAGC TTCTGTGGCC AATGACTTTAA GAGAGTTGAA
341451 341501 341551 341601 341651 341751 341751 341801 341851 342001 34201 34201 342251 342301 342351 342401 342401 342451 342501 342601 342751 342801 342801 342801 342801 342801 342801	TATTCCTATA GGCGTGGATG AAACTAGTAC AAAAGTAGAA AGAGGAAATA AGCAGCACAA ACTACTTAGC ATGAATTGG CAAACATCTT AAAGGCATAA TGAGGGGAGT TTGGGTGATG CACAACCTTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TACAGCACTT TGAATTATGA CCAGAGCT TTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG AGCCAGACC TTTATCATTT TGGTCATTAG CCAGGGATAT TGGGATCTTC AAAAGATATT AAAAGATATT ACAGTGCACC CAGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACAC ACTACTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACGTTTTCCAC ACACCTTCT ACACCTTCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTTTCCAC ACGTTTT	AGAATAGCCA TIGCTAAAAAG AATCACTATTG CTACCATTTG AGTCATTATA TTCACAATTA GTIGGATACAG CATAAAAAGG CAACCATTAT ATGTTCTTAC GAATGATACA GAGGGATAAA AGTIGCACCAA AAACACCATG AATAAAAGGT GTAGTACATTATGT GCACCTGTTT ACTGTAACTT ACTGTAACTT CATTTTATGA CATCATTGGCC GTAGAACTCA TTAAATTAAT GTAGTATGGT GAACTTGGCA CATCATTGGCA CATCATTGGAA CATCATTGAA CATCATTGGAA CATCATTGGAA CATCATTGAA CATCATTATTGAA CATCATTATTATTGAA CATCATTATTATTATTATTATTATTATTATTATTATTATT	TAATCAAAAA GGGACATCGT GAAAACAGTG ATCCAGCAAT TGAAAAAGAT CAAAAATTAGTGGA ATCTAAGTGGA TCATAAGTGGA TCATAAGTGGA ATCTCAGAA TGTTCCCCAA ATCTCAGAA TGTTCCCCAA CTTTTGTGCA GCTAGAATAT AACTTTGAAT AACTTTGAAT AACTTTGAAT ACTTAGACTAGT TCTACATGCT ACCTAGAACA CTTTCATCTT CAAGTGTTAA TGTATAAGGA TATGCTTCTC CAATGCTTCTC CAAGAGAATTT CAATGCTTCTC CAAGAGAATTT TTAATAAAAA AAGAAAATTT	ACCACAGTGC ATCAMAMAT TACACTGCTG TAGAGATTCC CCCACTGCTA ACTTACACAT GAACCAGCCC ATATATATACAC TGGCATTCGC GTAACTCAGA GAGCAAGCT GGGACTTGGG ATTGGGTACAG ATCACCACTA AAACCTATTG AACTTTAACC TAAAGTAAG ATATGGCTCT ATCAGCATGT CCTGTACCAC AGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATGGCTCT ATCAGCATGT CCTGTACCAC AAGTGAAGAA ATATTGGCTCT ATCAGCTTAGG TTACAGTTTACGG TTACAGTTTACAGT TTACAGT TTACAG	AATACCACTT AATAGATGTT GTGGGAATGT TTAAAGAACT GTATCTACCC GCATGTTTAT AAATGCCCAT AAATGCCCAT AACATGGAAT AGCAACCTGG AACAGAAACC ATGAGTATGC GGAAAGGGTG TGTACACTGC AAGAACTTAT AAATAAAAAA TGCCATGAGTATA AGGACAAAAG CTGATGAGTATA AGGCAAAAGG GTTGAAAAGTA TCCCCTTTTC ATTTGGTAAA AGCCAAATCA GATAGGAAGA GGTTATATAC GATTGGACCT TCCAGAAAGC TTCTGTGGCC AATGACTTTAA GAGAGTTGAA

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		ACAGCTAATC			
		GCGTTATAGA GTTGGGAAAA			
3431U1	TCATTTTAAC	TTAACAATTT	TTAAAACTTC	AATCTATICA	GATACAATGT
		TATGGAGATT			
		CAAAAGTACA			
343301	GATGITTACA	CCAAAGCTAA	TCATACTCCA	GAACACCTTG	TGCTGCCATA
343351	CCTGTATTGC	TAACTCTATG	CCAGGTATTT	AAAAGTGCTG	TGAGTTTACA
343401	<b>AGAAGTATTA</b>	GTCAGAAAGG	<b>AAATGGATAT</b>	GAATGAGAGG	CTGGTTAGCA
343451	ACAAACTTAA	TAGAACTTTT	TACACCCAAA	CATGGAAGCC	TTTTTATAGG
343501	GAAGAAGTAT	ATCCAGTGAA	CAAGTTAGTC	AGGACCTACC	AGATAATCTA
		CTGATATCCA			
		TAATGCCGAT ATTCTCAGTC			
		ACCATTTAAT			
343751	AAATGGAGGT	GGGGGTTAGG	TICIGITAAC	CTGAGAGGAG	CTTATGATGT
343801	TAAAAAAGAG	ATGTGCAAAG	CATGCTGTTA	ACTCTGTAGC	ATAGATTCTG
343851	ATAGTGACAG	TTATTTTGT	TIGGITATIT	GAAGTGATGG	AAGGCTGATT
					TAAAAGCTGT
					TATGGTTAAG
					CCAAGTCTTC
344051	CATTTCCTAG	CTATGTGACC	TTTTTATICA	TATGIAAAIA	AGGATAAGAG
		TAGTAAGCAT			TTTATATAAG
					TACAATTTGC
344251	CIAATTITIT	CACATTGTGT	TICCCATAGAT	TTTATGAATA	CTCATAATAA
					GTTCTTTAAA
					TTTATATTTA
		TAATCCTATT			
344451	ATTTTTACT	TTTCAAATGT	GTAAAGCTAA	TGTTTTACAC	TTTCAAATGT
					CCTATTTCGG
		AGTTAATTGC			ACCCAACTIT
					AGGAAATAAG
					GACCCCAGTG
344751	TTTAGGTAAT	AAGGCTGAGA	AGTCTAATGC	TGAGGACAGT	AGCACCACAT
					TCGTTCTTCA
					GTCATTCTAT
					GCAATGCAGT
					AAACTGAAGA
345051	TTAGATTCAT	ACCOUNT	CTTTTATT	TATTIGICIT	TAGAAAGAAT TCAAATTTCC
					TATTTACTAT
					AAGTTTCCCT
345201	GTTTAGGAGC	AAAAGAACTT	TAGGTATAGT	<b>AAACATGCTA</b>	CTTTACCATT
345251	GTGGAAGTTC	CACATCATAA	ATTAGATATT	ПСССТТТС	CTTCAAAATG
					AGTGACAGCA
345351	AAATTAGCCT	TITIGGCATAT	TTTTATTCAC	TTTGAAAGAA	TCCTTAAGGA
245451	TTTCTTCCCT	CANTATCTAA	AAGAACGTAA	CTCAAACACT	CTAGGGTAAA GTTAGATAAA
					TATATTITAT
					ACTITIATIT
345601	CTGCTACTAC	<b>AGTAGTGATA</b>	CATCTTGAGG	AACTCCAAGG	GGCCTAAACA
					TCTGAACTGA
345701	GIATGICIGT	AAAGCTATGT	TTAAATATAT	CCCTATATTT	AAACTGATCA
					TTTCTTAATG
					TAATAGACAC
3459N1	AAACTAAGGA	CCACTAATAT	TTGAAAAAA	CTAMMATAG	TATGAATTGA ACAGTCTAAA
345951		~~:~:			**********
	ACAAGCACAG	GGAGGATAGA	CATAATTAGG	GAGCAGATGA	AAAAGAGAGAC
346001	AAGAATAATA		ACAAGCACCA	GAAGCTCTAA	AATAGAAGGC
346001 346051	AAGAATAATA TCAATTGTTC	TGGCCACAAA CTTAATTGAA	ACAAGCACCA AATGTAAAAC	GAAGCTCTAA ATTCAGGTAG	AATAGAAGGC AAATAAAAAA
346001 346051 346101	AAGAATAATA TCAATTGTTC TAAATGGAAG	TGGCCACAAA CTTAATTGAA AATTGGATGA	ACAAGCACCA AATGTAAAAC TCAAGTTGCA	GAAGCTCTAA ATTCAGGTAG AGTCTCCCAG	AATAGAAGGC AAATAAAAAA AAAGTCAAAC
346001 346051 346101 346151	AAGAATAATA TCAATTGTTC TAAATGGAAG AAAAGACAA	TGGCCACAAA CTTAATTGAA AATTGGATGA AGAGATGAGA	ACAAGCACCA AATGTAAAAC TCAAGTTGCA ATTGTAGACA	GAAGCTCTAA ATTCAGGTAG AGTCTCCCAG TGGTAACATC	AATAGAAGGC AAATAAAAAA AAAGTCAAAC TGACTAATAG
346001 346051 346101 346151 346201	AAGAATAATA TCAATTGTTC TAAATGGAAG AAAAAGACAA AGGTCTCAGA	TIGGCACAAA CTTAATTIGAA AATTIGGATIGA AGAGATGAGA AGGAACAAAG	ACAAGCACCA AATGTAAAAC TCAAGTTGCA ATTGTAGACA AAATCAGAAG	GAAGCTCTAA ATTCAGGTAG AGTCTCCCAG TGGTAACATC AGAGAAAACT	AATAGAAGGC AAATAAAAAA AAAGTCAAAC TGACTAATAG ATCAAGACTT
346001 346051 346101 346151 346201 346251	AAGAATAATA TCAATTGTTC TAAATGGAAG AAAAAGACAA AGGTCTCAGA CTTTCCAAGA	TIGGCCACAAA CITAATTIGAA AATTIGGATIGA AGAGATIGAGA AGGAACAAAG TITTIGAACATT	ACAAGCACCA AATGTAAAAC TCAAGTTGCA ATTGTAGACA AAATCAGAAG AAATTTCTAG	GAAGCTCTAA ATTCAGGTAG AGTCTCCCAG TGGTAACATC AGAGAAAACT ATTGAAAGCC	AATAGAAGGC AAATAAAAAA AAAGTCAAAC TGACTAATAG ATCAAGACTT TCTACCAAGT
346001 346051 346101 346151 346201 346251 346301	AAGAATAATA TCAATTIGTTC TAAATIGGAAG AAAAAGACAA AGGTCTCAGA CTTTCCAAGA GTCTGGCCTC	TIGGCCACAAA CITIAATTIGAA AATTIGGATIGA AGAGATIGAGA AGGAACAAAG TITIGAACATT AAACCATICAC	ACAAGCACCA AATIGTAAAAC TCAAGTTIGCA ATTIGTAGACA AAATCAGAAG AAATTTCTAG ATTICAAAGGA	GAAGCTICTAA ATTCAGGTAG AGTCTCCCAG TGGTAACATC AGAGAAAACT ATTGAAAGCC CTAAAAATTT	AATAGAAGGC AAATAAAAAA AAAGTCAAAC TGACTAATAG ATCAAGACTT TCTACCAAGT GGAGTGCCAC
346001 346051 346101 346151 346201 346251 346301 346351 346401	AAGAATAATA TCAATTGTTC TAAATGGAAG AAAAGACAA AGGTCTCAGA CITTCCAAGA GTCTGGCCTC AAATTTATCA TCTGAGGGGA	TIGGCACAAA CITAATTIGAA AATTIGGATIGA AGAGATGAGA AGGAACAAAG TITIGAACATT AAACCATCAC ACAGCAGAAG AATTATTTCC	ACAAGCACCA AATIGTAAAAC TCAAGTTIGCA ATTIGTAGACA AAATCAGAAG AAATTTTCAAAGGA CTIGTACGACA AACCTAGAGT	GAAGCTICTAA ATTCAGGTAG AGTCTCCCAG TGGTAACATC AGAGAAAACT ATTGAAAGCC CTAAAAATTT GGAGAGCTAT TCTATATCTA	AATAGAAGGC AAATAAAAAA AAAGTCAAAC TGACTAATAG ATCAAGACTT TCTACCAAGT

### FIGURE 3UUUU

346501		ATTCATCC	*********	ACCAACTTAC	TACTAAATCT
	AAACAIGIII	ATCTTCATGC	AIGICITITI	AUGAAGI TAC	IAGIAMIGI
346551	GTTCCACCAA	AAAAACAAGG	AAAAAACATG	GGATCCAGGA	AGCAGGTCGT
346601	TCACCACATG	<b>AGAATAGTGA</b>	AGAGAATTCC	CAGAGCAATA	AAGAGAAAATC
340001	TOGOTOSIG	TATTTTTAAG	CEEEEEE	AATOTOCCAA	CCAAATTCAT
346651	CIGGAAAAGA	IATTITIANG	CITICIAIA	MICIGOM	GGWATTCAT
346701	TCTTATCAAG	TIGICACTAT	TTGACTCTAT	TTTTCAATTG	AGAATA
346751	ΑΤΑΛΓΑΛΑΓΑ	CTAGTAGGTG	AAAATTGAAT	CAGCCACACT	GGGAATTATA
346001	AAACCAAACT	ATTGTCTGAA	CAAACCATCA	TATATICTIT	TCACCTCTTT
3400UL	AMULAMUI	AIIGICIGAA	GAMICCATICA	MATICITI	10ACCICITI
346851	ATTCCAATCC	<b>AGAACTGTTT</b>	CICCAIGAAA	GCHIAITH	AGAATICAGI
346901	GTACTGTT	TCTATAATTT	TTAAAACTTC	<b>AAATGTGTAG</b>	TTCCTGAAAT
346051	ACTITANTAC	CAGAATCTTT	CCCCTCCATC	AAATAAAGCC	CTATICTICCA
340931	ACTITACIAG	CHEMICITI	accionic		OLY I GLOCOL
		ATTGGATCTA			
347051	TTCCTCCTGC	CCGGGCATGC	TGCATCCTGT	GAGGCACCTT	GGAGATTCCA
3/7101	CACACCACTT	TAAAAACTGT	TACTIGTAGCA	ΔΔΔΔCΔCΤΓΓ	TGAACACATG
347101	CHOROCAGIT	1777776101	AAACATAACA	TOACTACOCA	TTACTITICAT
34/151	GCTTCATTCT	TATTTCTCAG	AAACATAACA	IGAGIACCCA	HAGITICAL
347201	GAACTCACAG	AAACAAAACA	TTCTTGTGAC	ATGGCTTGCA	TAGTGGGTTG
347251	TATACCIGIG	<b>TATCTGTGAA</b>	ΔΤΓΑΛΟΚΑΤΑ	AAAGTCCATC	TTGACAAGTT
		TGAATATATT			
347351	TGGTTTCAAA	TAAAAAATTGG	AACCTCTAGT	TTTTACATTC	CTGACATTTT
347401	AAAGTTTGAA	<b>ATTAGTAACT</b>	CATGITICIT	TTCCCTTGTA	AGTATGAGCT
		TGAAGCACCA			
34/431	CHICHECH	IGMBCACCA	AMIAGOACI	GIACITIOGG	100000
347501	IGCATTTCAA	CTGCTCCTTG	IAAIACATCC	monac	HAAIGCAGI
347551	CITICITI	<b>TCCGATGTCA</b>	CCTTTGTAAA	AGAAGCTGTT	CAAAGATGTA
347601	TACTUTE	TGTTTGTTG	AGATGGAGTC	TIGOTORIO	GCCAAGCTTGG
347651	AGTITUTE	CACCATOTTC	CCTCACTICCA	ACCICICIO	CCCCCCTTCA
34/65L	AGIGCAGIGG	CACCATCTCG	GCICACIGCA	ACCICIOCAL	COOCITO
		CTGCCTCAGC			
347751	CCACCACGCC	<b>CGGCTAATTA</b>	TITGTATITI	AGTAGAGATG	TGGTTTCACC
		GGTGGTCTC			
34/601	AIGIIGGCCA	GGGGGCTC	GAICIGCIGA	TCTCGTGATC	100000CTC
347851	GGCCTCCCAA	<b>AGTTCTGAGA</b>	TTACAGGCGT	GAGCCACCAC	ACCCAGCCAG
347901	ATTTATAGTT	TTAAATAACT	TTCCAGATAT	AATCITTICT	GGTAAATAAA
347051	ACTAAGAGAT	<b>AGGGCTAAAG</b>	GACAAAAACA	GACTAACAAT	ACTACAGGAA
249001	TTTCACTTT	TATGTAGTTG	CTCATTATCC	CATCTCTCTC	ACATCAGAAT
340001	THIGACTITI	TAIGIAGIIG	GICALIAIGG	SAIGICIGIC	ACCIOCACIO
		TGTGCACCAT			
348101	GACAATAACT	<b>ATTTAGTCTG</b>	AAAAATGATT	TATCATTGGT	GGATATTTAA
		CTCTGTGGCC			
		AACTGAACAT			
346201	GGIACICCCI	AMCIGMONI	111010-411	GATIMIGIT	IMAIN ION
		TAGAAATGTA			
348301	TTGTGCATCA	<b>AGGAATTTAG</b>	GTGCATGTTG	CTTTCCCCATT	TACTTATTCT
348351	TTTTAGGTTC	TTCAGCGAAA	TAATGCAAAA	AACATAGCTC	ATGGAATTAA
348401	AGAGGAATAC	TTAAGCAGGA	ΔΔΔΔΔΔΑΤΔΔ	ΔGΔΤΤΤΤΔΔΔ	AAGAAAGAGG
		CTTAAAAACC			
		CCTTGAGCAA			
348551	ATAAAGTTTG	<b>ATCAAAGTAC</b>	AATTAGAAGA	AAACTCAGAA	TCATAGCTGG
348601	ΔΑΔΤΩΤΤΔΤΤ	<b>ATCTTCTTAG</b>	GTTCAACCTA	AAAAGCCAGT	GTACATACAG
340651	CTTACCATTT	CAAACTICAAA	CCATTOCTA	TCATCTTAAA	
		CAMCICAM	GUALLIGILL		CACCATICAAA
					GACGATGAAA
240754		GTTTAGAAAT	CAACAGCAAT	CCATCATTTT	GACGATGAAA TATCCCTCAG
348/SI	TCATTCTCTA	GTTTAGAAAT AGGGTATTTT	CAACAGCAAT	CCATCATTTT	GACGATGAAA TATCCCTCAG CAAAGCCATG
348/51 348801	TCATTCTCTA	GTTTAGAAAT AGGGTATTTT	CAACAGCAAT	CCATCATTTT	GACGATGAAA TATCCCTCAG CAAAGCCATG
348801	TCATTCTCTA AAGGTATATC	GTTTAGAAAT AGGGTATTTT ATATATGCCA	CAACAGCAAT TTGTGACACC AATTTTCACT	CCATCATTTT TATGAAGAAG ACTGATGATG	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA
348801 348851	TCATTCTCTA AAGGTATATC CAACTGCAGA	AGGGTATTTT ATATATGCCA ACAATGCTGG	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC	GACGATGAAA TATCCCTCAG CAAAGCCCATG CCATTGTAGA AATGCTAGAG
348801 348851 348901	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA	AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA AAAGCCTCTC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG
348801 348851 348901 348951	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA AAAGCCTCTC TTCTCAGGGA	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA
348801 348851 348901 348951	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA AAAGCCTCTC TTCTCAGGGA	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA
348801 348851 348901 348951 349001	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA AAAGCCTCTC TTCTCAGGGA CCCTTCATGC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG
348801 348851 348901 348951 349001 349051	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC	CAACAGCAAT TTGTGACACC AATTTTCACT AGACTGAATA AAAGCCTCTC TTCTCAGGGA CCCTTCATGC TTTGTAAGAA	CCATCATTTT TATIGAAGAAG ACTIGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITTACCAAAG GGAATGGCTT
348801 348851 348901 348951 349001 349051 349101	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT	CAACAGCAAT TIGTGACACC AATTITCACT AGACTGAATA AAAGCCTCTC TITCTCAGGA CCCTTCATGC TITTGTAAGAA TITTGCCATC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA ATTTACCAAAG GGAATGGCTT TTTCACTTGT
348801 348851 348901 348951 349001 349051 349101 349151	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT	CAACAGCAAT TIGTGACACC AATTITCACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGGACA TITTGTAAGAA TITTGCCATC GGGGTTTTTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT TTTCACTTGT TAATTAGATG
348801 348851 348901 348951 349001 349051 349101 349151	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT	CAACAGCAAT TIGTGACACC AATTITCACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGGACA TITTGTAAGAA TITTGCCATC GGGGTTTTTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT TTTCACTTGT TAATTAGATG
348801 348851 348901 348951 349001 349051 349101 349151 349201	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAATGTTC GAAAACAGTA AGGATCATTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCACTT TCAATCTGTT TATTATCAAG	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITGTAAGAA TITTGCCATC GGGGTTTTT AATTGAAGGC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITTACCAAAG GGAATGGCTT THTCACTTGT TAATTAGATG TTCTGCCAGC
348801 348851 348901 348951 349001 349051 349101 349151 349201 349251	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAATGATC GAAAACAGTA AGGATCATTT AGGGTGATAG	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCACT TTCATCTATGCTT TCATCTGTT TATTATCAAG CTGCCAGCAG CTGCCAGCAG	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGCA TITTGTAAGAA TITTGCCATC GGGGTTTTTT AATTGAAGGC TGCACAGCTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT TTCTGTGAAT TGGTGGAAT TGGTGGAGG	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAAAA TTTACCAAAA TTTACCAAAG TTTACCATGT TTAATTAGATG TTCACTTGT TAATTAGATG TTCTGCCAGC TAGTAGGGAT
348801 348851 348901 348951 349001 349051 349101 349151 349201 349251 349301	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGT TATTATCAAG TATTGTCCCT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITGTAAGAA TITTGCACATC GGGGTTTTTT AATTGAAGGC TGCACAGCTT AGACTAAGGG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTTTC GGTTTTGTTT TTCTGTGAAT TTGGTGTGAAT TTGGTGTGAAT AAAGCCCCAT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT THTCACTTGT TAATTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT
348801 348851 348901 348951 349001 349051 349151 349251 349251 349301 349351	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA TCTTCGGTGA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGT TATTATCAAG TATTATCAAG TATTATCAGAG TATTGCCCTGC TTCTGCCTGC	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITGTAAGAA TITTGCCATC GGGGTTTTT AATTGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGGTT TTCTGGTTCT TTCTGTGAAT TTGTGGAAT TTGTGGAAT TTGTGGAAG AAAGCCCCAT TTATGTAGCT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITACCAAAG GGAATGGCTT THACTACATT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT
348801 348851 348901 348951 349001 349051 349151 349251 349251 349301 349351 349401	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTCATTT AGGGTCATTT AGGGTGAT TCCATGTGGA GGTTCATGGCA GGTTCATGGCA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTTCTGCCTGC	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITIGTAAGAA TITIGCCATC GGGGTTTTT AATTGAAGGC TIGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATTCCTC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITACCAAAG GGAATGGCTT TITCACTTGT TAATTAGATG TICTIGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TTTCCTCTTG
348801 348851 348901 348951 349001 349051 349151 349251 349251 349301 349351 349401	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTCATTT AGGGTCATTT AGGGTGAT TCCATGTGGA GGTTCATGGCA GGTTCATGGCA	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTTCTGCCTGC	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITIGTAAGAA TITIGCCATC GGGGTTTTT AATTGAAGGC TIGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATTCCTC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITACCAAAG GGAATGGCTT TITCACTTGT TAATTAGATG TICTIGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TTTCCTCTTG
348801 348851 348901 348951 349001 349051 349101 349251 349251 349301 349301 349401 349451	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGATCATTT AGGGTGATGAT TCCATGTGAG TCCATGTGAG GGTTCATGGC TTCTTCTTTG	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TCAATCTGTT TAATATCAGG TATTGTCCCT TTCTGCCTGC TTTCTGCCTGC TTTTTAGGATG GTTTCTAGCT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITIGTAAGAA TITIGCCATC GGGTTTTT AATTGAAGGG TGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATTCCTC GACTTACTTG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAG TGGTGAAG TGGTGTAAGT TGGGTTAAGT TGAGAGCAGA	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITACCAAAG GGAATGGCTT TITCACTTGT TAATTAGATG TICTICT TAATTAGATG TICTIGTGGCT TATCATGCAT
348801 348851 348901 348951 349001 349051 349101 349251 349251 349351 349401 349451 349451 349501	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCGGTGGA GGTTCATTGG GTTCATTGGG TTCATTGGG GTTCATTGGG GTTCATTGGG GTTCATTGGG GGTGCTTGAG	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TAATATCAGG CTGCCAGCAG TATTGTCCCTT TTCTGCCTGC TTTTTAGCTT TTCTGCCTGC TTTTTTAGCTT ACCCATTGTT ACCCATTGTT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITIGTAAGAA TITIGCCATC GGGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATICCTC GACTTACTIG CACGTGATGG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT TGGTGAAAT TGGGTGAAG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT TGAGAGCAGA AACTGTGATG	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITACCAAAG GGAATGGCTT TITCACTTGT TAATTAGATG TICTGCCAGC TAGTAGAGGAT TGCTGTGGCT TATCATCATGCT CACATACATT
348801 348851 348901 348951 349001 349051 349101 349251 349251 349301 349401 349401 349501 349501	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCATGGA GGTTCATGGC TTCTTCTTTG GGTGCTTGAG TGAATACATT	GTTTAGAAAT AGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTCTGCCTGC TTCTGCCTGC	CAACAGCAAT TIGTGACACC AATTITCACT AGACTGAATA AAAGCCTCTC TICTCAGGA CCCTTCATGC TITTGAAGAA TITTGCCATC GGGGTTTTTT AATTGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTIC GACTTACTIC GACTTACTIC CACGTGATCG ATTTGCCGTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT TGGTGGAGG AAAGCCCCAT TTATGTAGCT TGGGTTAGGT TGAGAGCAGA AACTGTGATG TGTAACTTAC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCAATIGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITTACCAAAG GGAATGGCTT TITTCACTTGT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCATGCAT TATCATGCAT TATCATGCAT TATCATGCAT TATCATGCAT TATCATGCAT TATCATGCAT AAATTACCTG AAATTACCTG AAATTACCTG AAATTACCTG ACCATACATT ACTGGAAAGC
348801 348851 348901 348951 349001 349051 349101 349251 349301 349401 349451 349501 349551 349601	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCGGTGA GGTTCATGGC TTCTTCTTG GGTGCTTGAG TGAATACATT TACCCTGGTC	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTCTAGGATG GTTTCTAGGTT ACCATTGTT TAAGTTTTT	CAACAGCAAT TIGIGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICICAGGA CCCTTCATGC CTTIGTAAGAA TITIGCCATC GGGTTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTIG CACGTGATGG CAGGTGATGG CAGGTGATGG CAGGTGATGG CAGTGATGG CAGTGATGC CAGTGATGG CAGTGATGATGATGATGATGATGATGATGG CAGTGATGATGATGATGATGATGATGATGATGATGATGATG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT TGGTGCAGG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT TGGGTAACT TGGGTAACT TGGGTAACTTAC TGAGTAATTAC TGAGTAATTAC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCAATIGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITTACCAAAG GGAATGGCTT TITTCACTTGT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TACTGGAAAGC TCCTAATATG
348801 348851 348901 348951 349001 349051 349101 349251 349301 349401 349451 349501 349551 349601	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCGGTGA GGTTCATGGC TTCTTCTTG GGTGCTTGAG TGAATACATT TACCCTGGTC	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTCTAGGATG GTTTCTAGGTT ACCATTGTT TAAGTTTTT	CAACAGCAAT TIGIGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICICAGGA CCCTTCATGC CTTIGTAAGAA TITIGCCATC GGGTTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTIG CACGTGATGG CAGGTGATGG CAGGTGATGG CAGGTGATGG CAGTGATGG CAGTGATGC CAGTGATGG CAGTGATGATGATGATGATGATGATGATGG CAGTGATGATGATGATGATGATGATGATGATGATGATGATG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT TGGTGCAGG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT TGGGTAACT TGGGTAACT TGGGTAACTTAC TGAGTAATTAC TGAGTAATTAC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCAATIGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TITTACCAAAG GGAATGGCTT TITTCACTTGT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TACTGGAAAGC TCCTAATATG
348801 348851 348901 349051 349051 349101 349151 349251 349301 349401 349451 349501 349601 349601 349601	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCGGTGA GGTTCATGGC TTCTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTAGATA ATAAACTTTCCAAC TTCTATGCTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCATTGTT TAGGTTTAGCT TAGGTTTAAG CTGCCAGCAG GTTTCTAGCT ACCATTGTT TAGGTTTAAG CATGCCCCAA	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TITICAGGA CCCTTCATGC TITIGTAAGAA TITIGCCATC GGGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATTCCTC GACTTGATGC CACGTGATGG ATITIGCCGTT AATITICCCC AATIGATGTTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTCT TTCTGTGAAT TGGTGAGG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT TGGAGCAGA AACTGTGATG TGGAGCAGA AACTGTGATG TGTAACTTAC TGAGTATTAT ATAATTCACA	GACGATGAAA TATCCCTCAG CAAAGCCATG CCAATGCTAGAG AATGCTAGAG ATGTACAAG ATGTACAAG ATGTACAAG ATGTACAAG GGAATGGCTT TTTCACTTGT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCACTTGT TAATTACATG TATCATGCAT TATCACTTGT AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCTCACT
348801 348851 348901 348951 349051 349101 349151 349201 349251 349301 349451 349451 349601 349601 349651 349601	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCGTGAG TGTTCATGGC TTCTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTT GGCACATGAG	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAT TCAATCTGTT TCAATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTAC CTACAGTTTAA CATGCCCCAA TAAGATTTAC	CAACAGCAAT TIGIGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICICAGGGA CCCTICATGGGA CCCTICATGGGA TITIGTAAGAA TITIGCCATC GGGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITIATICCTC GACTTACTIG CACGTGATGG ATITICCCGTT AATITICCCCGTT TTACGCTGGTT TTACGCTGGTT TTACGCTGGTT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTCT TTCTGTGAAT TGGTGAGG AAAGCCCCAT TTATGTAGCT TGGGTTAAGT TGGGTTAAGT TGGAAGCAGA AACTGTGATG TGTAACTTACT TGAGTATTAT ATAATTCACA TTTGAAAGGT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT TTTCACTTGT TAATTAGATG TICTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TTTCCTCTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCTCACT TTAGAATAAT
348801 348851 348901 349051 349051 349101 349201 349251 349301 349451 349451 349501 349551 349601 349701 349701	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGATCATTT AGGGTGATAG TCCATGTGGA TGTTCATGGC TTCTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTT CTACAGTTAAC CATGCCCCAA CATGCCCCAA TAAGATTTAC CTTGCTAAGA	CAACAGCAAT TIGIGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICICAGGGA CCCTICATGCA TITIGIAAGAA TITIGCATC GGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTIG CACGTGATGG ATTTTCCCC AATGATGTT TTACGCTGGT CTTGAAACAT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTGTT TTCTGGTGAT TTGTGGTGT TTGTGGAT TTGTGGAT TTGTGGAT TTGTGAGG AAACCCCCAT TTATGTAGCT TGGGTTAAGT TGAGAGCAGA AACTGTGATG TGAGATTACT TGAGATATTACT ATAATTCACA TTTGAAAGGT TAACAATAAT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT TTTCACTTGT TAATTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TTTCCTCTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTAGAATAAT ACACTGTAAT ACACTGTAAT
348801 348851 348901 349051 349051 349101 349251 349201 349251 349301 349451 349451 349601 349651 349751 349751 349801	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA TCCATGTGGA TCCATGTGGA TCCATGTGGA TCTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCATCTGTT TATTATCAAG CTGCCAGCAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTT CTACAGTTAA CATGCCCCAA TAAGATTTAC ATTGCCTAAGA TAAGATTTAC ATTGCCTAAGA TAAGATTTAC ATTGCTTAAGA TATGCCCCAA TAAGATTTAC ATTGCTTAAGA TATGCCTAAGA ATTCTTTGAG ATTCTTTAAGATTAAGA ATTCTTTTGAG	CAACAGCAAT TIGIGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTICATGC TITITTAAGAA TITIGCCATC GGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTIG CACGTGATGG ATTITCCCC AATIGATGTT TTACGCTGGT TTACGCTGGT CTTGAAACAT GAAAAGACAC	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTTCT CGTTTTGTTT TTCTGTGAAT TTGTGGAAT TTGTGAGC AAACCCCAT TTATGTAGCT TGAGAGCAGA AACTGTGATG TGAGAGCAGA TTATGTAACTTAC TGAGTATTAT ATAATTCACA TTTGAAAGGT TTAACAATAAT CAATGATCTT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG CAAGTTCAAG ATGTACAATA TTTACCAAAG GGAATGGCTT TAATTAGATG TTCACTTGT TAATTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCATGCAT TATCACTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCTCACT TTTAGAATAAT ACACTGTAAT TCCTATTAAC
348801 348851 348901 348951 349001 349151 349151 349201 349251 349301 349451 349401 349451 349601 349751 349701 349751 349801 349801	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA TCCATGTGGA TGTTCATGGG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCAATCTTCT TCAATCTGTT TCAATCTGTT TCATCTGTT TCATCTGTT TCATCTGTT TATTATCAAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTTT CTACAGTTAA CATGCCCCAA TAAGATTTAC CTTGCTAAGA ATTCTTTTGAG TTTCTACAGTTAAA ATTCTTTTTAAG ATTCTTTTTAAG TTTCCACTGAT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTICATGC TITGTAAGAA TITTGCCATC GGGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTTG CACGTGATGG ATTTTCCCC AATGATGTT TTACGCTGGT TTACGCTGGT CTTGAAACAT CGAAAAGACAC CAGCAAAGGT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGTGATT TTCTGTGAAT TTGTGAGC AAAGCCCCAT TTATGTAGCT TGAGAGCAGA AACTGTGATG TGAGAGCAGA AACTGTGATG TGAGAGTATTAT ATAATTCACA TTTGAAAGGT TAACAATAAT CAATGATCTT AGTTCAAAAT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG AATGCTAGAG ATGTACAATA TTTACCAAAG GGAATGGCTT TAATTAGATG TTACTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCACTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCCTCACT TTAGAATAAT ACACTGTAAT TCCTATTAAC TTCATCACTC
348801 348851 348901 348951 349001 349151 349151 349201 349251 349301 349451 349401 349451 349601 349751 349701 349751 349801 349801	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA TCCATGTGGA TGTTCATGGG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCAATCTTCT TCAATCTGTT TCAATCTGTT TCATCTGTT TCATCTGTT TCATCTGTT TATTATCAAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTTT CTACAGTTAA CATGCCCCAA TAAGATTTAC CTTGCTAAGA ATTCTTTTGAG TTTCTACAGTTAAA ATTCTTTTTAAG ATTCTTTTTAAG TTTCCACTGAT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTICATGC TITGTAAGAA TITTGCCATC GGGGTTTTT AATIGAAGGC TGCACAGCTT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTTG CACGTGATGG ATTTTCCCC AATGATGTT TTACGCTGGT TTACGCTGGT CTTGAAACAT CGAAAAGACAC CAGCAAAGGT	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGTGATT TTCTGTGAAT TTGTGAGC AAAGCCCCAT TTATGTAGCT TGAGAGCAGA AACTGTGATG TGAGAGCAGA AACTGTGATG TGAGAGTATTAT ATAATTCACA TTTGAAAGGT TAACAATAAT CAATGATCTT AGTTCAAAAT	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG AATGCTAGAG ATGTACAATA TTTACCAAAG GGAATGGCTT TAATTAGATG TTACTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCACTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCCTCACT TTAGAATAAT ACACTGTAAT TCCTATTAAC TTCATCACTC
348801 348851 348901 348951 349001 349151 349251 349251 349301 349451 349501 349551 349601 349651 349751 349751 349751 349751 349751 349751	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA TGTTCGTGAG TGTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TCATTCTTTATTATCAAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTT CTACAGTTAA CATGCCCCAA TAAGATTTAC CTTGCTAGAG TTCTTTAGAG TTCTCAGATAAT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITGTAAGAA TITTGACATC GGGGTTTTT AATITGACGCT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTTG CACGTGATGG ATTTTGCCGTT AATITTCCCC AATGATGTTT TTACGCTGGT CTTGAAACAT CAGAAAGGTAAC CAGCAAAGGT ACCAGAGTAG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTGAG AAAGCCCCAT TTATGTAGCT TGAGAGCAGA AACTGTGATG TGAACTTAC TGAGTATTAT ATAATTCACA TTTGAAAGGT TAACAATAAT CCAATGATCTT AGTTCAAAAT TCAGGGTGAC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG AATGCTAGAG ATGTACAATA TTTACCAAAG ATGTACAATA TTTACCAAG GGAATGGCT TAATTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TTTCCTCTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCTCACT TTAGAATAAT ACACTGTAAT TCCTATTAAC ACTGTTACCC ACTGTTGTGCC
348801 348851 348901 348951 349001 349151 349251 349251 349301 349451 349501 349551 349601 349651 349751 349751 349751 349751 349751 349751	TCATTCTCTA AAGGTATATC CAACTGCAGA AGTGAATATA GCCAAAGAAT TCATGAACAT ATAAATTGTG GAGGATGTTC GAAAACAGTA AGGGTGATAG TCCATGTGGA TGTTCGTGAG TGTTCTTTG GGTGCTTGAG TGAATACATT TACCCTGGTC TTTTTTTTTT	GTTTAGAAAT AGGGTATTTT ATATATGCCA ACAATGCTGG GCACTCCAGA TACTTAGATA ATAAACTTCC ATTTCCCAAC TTCTATGCTT TCAATCTGTT TCATTCTTTATTATCAAG TATTGTCCCT TTCTGCCTGC TTGTAGGATG GTTTCTAGCT ACCCATTGTT TAAGTTTTT CTACAGTTAA CATGCCCCAA TAAGATTTAC CTTGCTAGAG TTCTTTAGAG TTCTCAGATAAT	CAACAGCAAT TIGTGACACC AATITICACT AGACTGAATA AAAGCCTCTC TICTCAGGGA CCCTTCATGC TITGTAAGAA TITTGACATC GGGGTTTTT AATITGACGCT AGACTAAGGG CAGCCCCATT TITATTCCTC GACTTACTTG CACGTGATGG ATTTTGCCGTT AATITTCCCC AATGATGTTT TTACGCTGGT CTTGAAACAT CAGAAAGGTAAC CAGCAAAGGT ACCAGAGTAG	CCATCATTTT TATGAAGAAG ACTGATGATG TAGCAAGAAC ACTTAGGTGC AAACTTGGTT TCATTTGCCG AATAATAGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTT TTCTGGTGTGAG AAAGCCCCAT TTATGTAGCT TGAGAGCAGA AACTGTGATG TGAACTTAC TGAGTATTAT ATAATTCACA TTTGAAAGGT TAACAATAAT CCAATGATCTT AGTTCAAAAT TCAGGGTGAC	GACGATGAAA TATCCCTCAG CAAAGCCATG CCATTGTAGA AATGCTAGAG AATGCTAGAG ATGTACAATA TTTACCAAAG GGAATGGCTT TAATTAGATG TTACTAGATG TTCTGCCAGC TAGTAGGGAT TGCTGTGGCT TATCATGCAT TATCACTTG AAATTACCTG CACATACATT ACTGGAAAGC TCCTAATATG TTTTCCTCACT TTAGAATAAT ACACTGTAAT TCCTATTAAC TTCATCACTC

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350001					
	GACAGATAAT	CCATTCTCTT	TGTGTATGTA	TGTATGTAAT	GAAAAATAGCC
350051	ACCGTGAGCT	CAGTAAACCC	CTCCTTACTA	<b>AATGTACACA</b>	AAAGTCCATT
350101	TICAGGIGIT	TGITATTIGI	GAAACTIGGT	TATGTACAAT	ΑΤΓΑΤΓΑΛΓΑ
		CCCCTTCATG			
220T2T	IAIAMCTIC	4664	CICATITICA	TTACA A ATT	AIGAITOGG
32050T	TIGAGACICC	AGCATTAGGT	GCIAIAIGGC	IGIACAAATI	GGITIGGGAI
350251	тссттсстт	<b>ACAGTCATCT</b>	CACCTCAGAA	CCCCACTTAG	CAGTTTCTAT
350301	<b>GATTCTCAGG</b>	GAAAGTGCTT	CAGCAGAAGT	<b>AGACCTTTAG</b>	GAATTAGAGA
		CCAAAGGAGG			
		AGGCATCGTA			
		AGTGACTTCA			
		CAAAAACTAG			
350551	TGAGATTTAT	<b>TGTGGATATC</b>	TCCTTTCAAG	AATTTTGAAT	GAAAAAGAGA
350601	CCACACACACAT	<b>TAGATTGGTA</b>	ACTAGAGAGA	<b>TAGTGGTGGG</b>	GGCAGGGTAT
		TGGAAGAGAC			
		AGAATAGAGT			
		GAAGGAAGAT			
		CTTCAGCTGA			
		AATGATTGTA			
350901	GAAAGGTGAA	AAGGGTGGTT	AAACTCAGTC	ATCGCTGATC	CTCAACTTAA
350951	<b>AAGTCTGTTC</b>	CACTAATCTT	<b>TATTTTGTAT</b>	<b>TACTGAATGC</b>	ATATATAATG
351001	ACCTACGITA	ACATTGGGTT	TTACTGTACA	TTATGCGTAG	ΤΔΤΔΔΤΔΤΔΤ
		ATCCCTCTTT			
		ATACTGAGTT			
		ATTAGTTTTC			
		CTATATAAAA			
351251	ACAAAGGAGA	<b>AGCTCTATAC</b>	ATATGGATGA	TCACATACTA	ATGGAAGATT
351301	TTTTAAATTG	TAAATTAATA	TTGTTTCCTA	GACAAGTCAG	TAGGATTGAG
351351	TATACAAGTT	GAACATCCCT	ΑΑΤΌΤΘΑΑΑΑ	ΤΟΟΔΑΔΑΤΟΟ	AAAATGCTCC
		ACTITITIGAG			
		TTCATGTGAT			
		TTGTATAAAA			
		AATGAAGTTC			
351601	<b>AACTTATTAT</b>	<b>GTATATGCAG</b>	ATATTCCACA	ATCCAAAATT	CAAATACTTC
351651	TGGTTTCAAG	CATTTTGGAA	TAGGGTTACT	TAACCTGTAC	TGAGGTGACA
		<b>TAGTCTTCTG</b>			
		TAGAGGCCTT			
		GCTTTTTCTT			
		TCACAGTGAA			
		TAAAGGGTTT			
351951	AATCTGAGAA	CATTITCAT	TTTCTATACA	TAATGGCTTT	
353001		~~			GIAGITOAGI
352WI		TGGAATCTTC		GATTGATAAA	
	<b>GTTAAAGCTT</b>	TGGAATCTTC	<b>AGAGTGAATT</b>		AGAAAACTAA
352051	GTTAAAGCTT TAGTGCCTGG	TIGGAATICT TC	AGAGTGAATT GCACTTAATA	ATGITTGATG	AGAAAACTAA AATGAAAGAC
352051 352101	GTTAAAGCTT TAGTGCCTGG CGAATGCATA	TGGAATCTTC CCCCCAGTTT CAATTTCATT	AGAGTGAATT GCACTTAATA TTTGTGAAAG	ATGITTGATG TITACCATCC	AGAAAACTAA AATGAAAGAC TAAAAACTCT
352051 352101 352151	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITIT	TGGAATCTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG	ATGITTGATG TITACCATCC TICTTTTIGG	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA
352051 352101 352151 352201	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT	TIGGAATICTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA	ATGITTGATG TITACCATCC TICTTTTTGG ATTITTATGA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT
352051 352101 352151 352201 352251	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG	TIGGAATICTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT	ATGITTGATG TITACCATCC TICTTTTTGG ATTITTATGA ACCTTGGGTA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA
352051 352101 352151 352201 352251	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG	TIGGAATICTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT	ATGITTGATG TITACCATCC TICTTTTTGG ATTITTATGA ACCTTGGGTA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA
352051 352101 352151 352201 352251 352301	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG TATTTGATGA	TIGGAATICTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA
352051 352101 352151 352201 352251 352301 352351	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITTITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT	TIGGAATICTTIC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA	ATGITTGATG TITACCATCC TICITITTIGG ATTITTATGA ACCTIGGGTA TGGTTTGGGC AAAAAAAAAC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC
352051 352101 352151 352201 352251 352301 352351 352401	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITTITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA	TIGGAATICTTIC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTIGGT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT	ATGITTGATG TITACCATCC TICITTTTIGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG
352051 352101 352151 352201 352251 352301 352351 352401 352451	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTGATGA CTGTTACCCCA AAATGATAAT	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CITAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG	ATGITTGATG TITACCATCC TICTTTTTIGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG TATTTGATTGA TTAATTATAT CTGTTACCCCA AAATGATAAT GTCTGGGAAT	TIGGAATICTTIC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CITAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATGT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA	ATGITTGATG TITACCATCC TICTTTTTIGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGAGGCT TGAGGCAAGA
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352551	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAAATGATAAT GTCTGGGAAT ATCCAGAATG	TIGGAATICTTC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTIGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AMAMAMAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGGCAAGA TGACAACACT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352551 352601	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAGTTACCCA AAAATGATAAT GTCTGGGAAT ATCCAGAATG GTGATCTGAA	TIGGAATICTTC CCCCCAGTTT CAATTICATT TTTTAAAGAA CITAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTIGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT AATGTTTTIGG	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AMAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTTATTGAG	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGACGACT TGAGACGACT TGAGACACACT GGCCATAATT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352551 352601 352651	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITTTT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT ATCCAGAATG GTGATCTGAA TTCAATAAAA	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT AATGTTTTIGG AGAATCCCAG	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTTA ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTTATTGAG TTGATGGTTG	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGGCT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT
352051 352101 352151 352201 352251 352301 352351 352451 352451 352501 352551 352601 352651 352601	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT GTCTGGGAAT GTCAGAATG GTGATCTGAA ATCAATAAAA ATGACTTATA	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT AATIGTTTTIGG AGAATCCCAG ACAATCCCAG CACTACATGA	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATGTTT TGAAGGAACA ACCAGAGTTC ATTIATTGAG TIGATGGTTG TTGATGGTTG TTGATGGTTG TTGGTGTTGT	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAAT TTTTTGAGTT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352551 352601 352651 352701 352751	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT ATCCAGAATG ATCCAGAATAAAA ATGACTTATA GTACCCATAT	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT AAGAACCATT AATIGTTTTGG AGAATCCCAG CACTACATGA ATTICACCTTC	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTIATTGAG TTGATGGTTG TTGATGGTTG TTGGTGGTTGT GTGCTGGAAA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352551 352601 352651 352701 352751	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT ATCCAGAATG ATCCAGAATAAAA ATGACTTATA GTACCCATAT	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATGT AAGAACCATT AAGAACCATT AATIGTTTTGG AGAATCCCAG CACTACATGA ATTICACCTTC	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTIATTGAG TTGATGGTTG TTGATGGTTG TTGGTGGTTGT GTGCTGGAAA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352501 352601 352601 352701 352701 352701 352701	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT ATCCAGAATG GTGATCTGAA TTCAGATAAAA ATGACTTATA GTACCCATAT TCTGATTGAA	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTICTIGGT TIGGACTTCCC GAGAGGATTGT AAAGAACCATT AATTICTTTIGGT AAGAACCATT AATTICTTTIGGAGAACCATT AATTICTTTIGGAGAACCATT AATTICTTTIGGAGAACCATT AATTICACCTTC TTATTICACCTTC TTATTICACCTTTC TTATTICACCTTTC TTATTICACCTTTC TTATTICACCTTTC TTATTICACCTTTC TTATTICACCTTTC	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAT ACAGCTGCT ACATCCAAGT CTTAATTTCC ACATCCAAGT CTTAATTTCC	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTITATTGAG TTGATGGTTG TTGATGGTTG TTGGTGGTTG TTGCTGGAAA TCTGCAGTGC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGAGTT AAGTTTGTGT TTTTCCCTCA
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352501 352601 352601 352701 352701 352701 352801 352801	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGAAT ATCCAGAATG GTGATCTGAA TTCAGTAAAA ATGACTTATA GTACCCATAT TCTGATTGAA GGCAGACCCT	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTICTIGGT TIGGACTTCCC GAGAGGATTGT AAAGAACCATT AATGTTTTGA AGAATCCCAG CACTACATGA ATTICACCTTC TTATGTTCAC TIGAGTGATTGACTTGACTTGACTTGACTTCACTTGACTTG	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT CTTAATTTCC TCTTATTTAC	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTITATTGAG TTGATGGTTG TTGATGGTTG TTGGTGGTTG TTGCTGGAAA TCTGCAGTGC CTCCTCCAAT	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCAT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT TTTTCCCTCA TTCCACCATT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352501 352601 352651 352701 352701 352801 352801 352801	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGAAT ATCCAGAATG GTGATCTGAA TTCAGTAAAA ATGACTTATA GTACCCATAT TCTGATTGAA GGCAGACCCT CTCATTTTAT	TIGGAATICTTIC CCCCCAGTTT CAATTICATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTICTIGGT TIGGACTTCCC GAGAGGATTGT AAAGAACCATT AATTIGTTTIGG AGAATCCCAG ACTACATGA ATTICACCTTC TTATIGTTCAC TIGAGTGATTG GTGTTCAAGT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCT CCAAAGTCAT ACACGTGCT ACATCCAAGT CTTAATTTCC TCTTATTTCC TCTTTTTTAC TAAATGTGAA	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTITATTGAG TTGATGGTTG TTGATGGTTG TTGCTGGAAA TCTGCAGTGC CTCCTCCAAT CAACAGCAAA	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTTAATCTTG TTGAGAGGCAT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT TTTTCCCTCA TTCCACCATT CAGCTACACT
352051 352101 352151 352201 352251 352301 352351 352401 352451 352501 352601 352651 352701 352701 352801 352801 352851 352901 352951	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG TATTTGATGA TATTTGATGA TTAGTGATAAAT GTCTGGGAAT ATCCAGAATG GTGATCTGAA TTCAATAAAA ATGACTATA GTACCCATAT TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA	TEGAATCTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CITAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTCTCTGGT TEGACTTCCC GAGAGGATGT AAGAACCATT AATGTTTTGG AGAATCCCAG CACTACATGA ATTCACCTTC TTATGTTCAC TTGGTTCAAGT TACCATTTCT	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATGGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT CTTAATTTCC TCTTTTTTTAC TAAATTGAA TTCCTTGAGT	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCTTGGGTA TGGTTTGGGC AAAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTITATTGAG TTGATGGTTG TTGATGGTTG TTGATGGTTG TTGCTGGAAA TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATIC TTGAGAGGCAAGA TGAGAGACACT TGAGGCAAGA TGACAACACT GGCCATAATT GAATAAAAAAT TTTTTGAGTT AAGTTTTGAGTT AAGTTTTTCCCTCA TTCACCCATT CAGCTACACT ACTTTTCTGG
352051 352101 352151 352201 352251 352351 352401 352451 352501 352551 352601 352751 352801 352851 352801 352951 352901 352951 353001	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTTTTTT AACATTGACT AGAGATAAAG TATTTGATTGA TTAATTATAT CTGTTACCCA AAATGATAAT GTCTGGGAAT ATCCAGAATG GTGATCTGAA TTCAATAAAA ATGACTTATA GTACCCATAT TCTGATTGAA CGCAGACCCT CTCATTTTAT CTGTAAAACA TAAATGATTT	TEGAATCTTC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTCTCTGGT TGGACTTCCC GAGAGGATGT AAGAACCATT AATGTTTTGG AGAATCCCAG CACTACATGA ATTCACCTTC TTATGTTCAC TGAGTGATTCAC TGAGTGATTCAC TGAGTGATTCT TGCGGGCCTG	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT CTTAATTTCC TCTTAATTTCC TCTTAATTTCC TCTTAATTTCC TCAAATGTGAA TTCCTTGAGT CAGAAACCAA	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCITTGGTA TGGTTTGGGC AAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTTATTGAG TTGATGGTTG TTGGTGGTTG TTGGTGGTTG TTGCTGGAAA TCTGCAGTGC CTCCTCCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATGATGAGAC	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTGAGAGGCT TGAGAGGCT TGAGAGGCT TGAGAGGCT TGAGAGACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT TTTTCCCTCA TTCCACCATT CAGCTACACT ACTTTTCTGG CCCTGTAGGT
352051 352101 352151 352201 352251 352351 352401 352451 352501 352551 352601 352751 352801 352851 352901 352951 352901 353051	GTTAAAGCTT TAGTGCCTGG CGAATGCATA GATTITITT AACATTGACT AGAGATAAAG TATTTGATTGA TATTTGATTAATTATAT GTGTGAGAATG GTGATCTGAA ATGACTTATA GTACCCA AAATGATAAAA ATGACTTATA GTACCCATAT TCTGATTGAA GGCAGACCCT CTCATTTTAT CTGTAAAACA TAAATGATTT GGTGAAGAGG	TIGGAATICTTIC CCCCCAGTTT CAATTTCATT TTTTAAAGAA CTTAACCATA AGACCTAGTT TAACAGATTT AAAAGAGCAC ATTICTCTGGT TIGGACTTCCC GAGAGGATIGT AAGAACCATT AATIGTTTTIGG AGAATCCCAG CACTACATIGA ATTICACTTC TTATIGTTCAC TIGAGTGATTIC TTATIGTTCAC TIGAGTGATTIC TTACGTTTCACT TACCATTTCT TIGGGGGCCTIG AGTTTIGCAAG	AGAGTGAATT GCACTTAATA TTTGTGAAAG ATAGTACATG ATAACAAATA ACTTCATTTT GGATCGTTGC ATAATTAAAA ACAAGAGCTT ACTAGATTAG CATTCCTATA AGTCTGTCTT CCAAAGTCAG AGGAAGTTAT TTCAGCTGCT ACATCCAAGT CTTAATTTCC TCTTAATTTCC TCTTAATTTCC TCTTAATTTCC TCTTAATTTCC TCAAATGTGAA TTCCTTGAGT CAGAAACCAA CAATGTTTGC	ATGITTGATG TITACCATCC TICTITTTGG ATTITTATGA ACCITTGGTA TGGTTTGGGC AAAAAAAAC TAGGCACTGA CCCATATGTT TGAAGGAACA ACCAGAGTTC ATTIATTGAG TTGATGGTTG TTGATGGTTG TTGGTGTTGT GTGCTGGAAA TCTGCAGTGC CTCCTCCAAT CAACAGCAAA CAATGCATTC ATGATGAGAC ATAAAGTTCT	AGAAAACTAA AATGAAAGAC TAAAAACTCT ACTGTCTGAA GTCCCAAGCT TGAGTTTTGA AAGGTTCGGA CTATCATATC TTGAGAGGCT TGAGAGGCT TGAGAGGCT TGAGAGGCT TGAGAGACACT GGCCATAATT GAATAAAAAT TTTTTGAGTT AAGTTTGTGT TTTTCCCTCA TTCCACCATT CAGCTACACT CACCTTCTGG CCCTGTAGGT CCTGGCCTCT
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353501 CTTCTTATAA GTGAGAACAT GTGGTATTTG GTTTTCTGCT GCTGCATTAG 353551 TTTGCTTAGG ATAATGGCCT CCAGCTTCAT CCATGCTGCT GCAAAAGACA
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353851 CTACAATGGC TAAGCTCATT TAAACTCCCA CCAGTAGTGT ATAATCATTC
353901 CCTTTTCCCT GACACCTCAC CAGAATCTGT TATTTTTTTG CTTTTTAATA
333301 CITTOCI GOCCIOC CASATCICI INTITTI CITTOCIO
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354251 AAGCTCTTTA GTTTAATTAA GTCCCATTTG TCAATTTTTG TTTTCATTGC
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354301 AGTTGCCTTT GGCATCTTCA TCATGAGATC TTTGCCAGGC CCCATGTCCA
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354551 TTGTCAAAAC TCAGATAGTT GTAGGCATAT GGTCTTATTT CTGGGTTCTC
354601 TATTCIGTTC ATTIGTCTAT GTTTCTGTTT TTGTACCAGT ATCGTGTTGT
374001 IATICISTIC ATIGGICIA STITLIGHT TOTAL ATIGGICA
354651 TITIGGITACT GTGGCCTTGT AGTGTAGTTT GAATTTGAGT AACATGATGC
354701 CTCCAACTTT GTTCAGTTTG CTTAGGATTA TGTTGGCTAT TTGGGCTCTT
354751 TTTTGGTTTT GCATGAATTT TAAAATAGTT TTTTCTAATT CTGTGAAGAA
354801 TGTCATTCGT AATTTGATAG GAATAGCACT GAATCTGTAA ATTACTTTGG
354851 GCAGTATGGC CATTTTAACA ATATTGATTT CTTCCTATCT GTGAGCATGG
334631 GOAGIAIGGE CATTITACA ATATIGATTI CITCCIAICI GIGABOATGE
354901 AATGTTTCT ATTITIGIGT CATCTTIGAT TICTTCAGC AGTGTCATAA
354951 TICTOCTIGT AGACATCTIT CACCTCCTTG GITAGCCATA TICTTAGGCA
334331 TICIOCITAI ASPARICITI CACCICCITA GILACCAIA TICIABGO
355001 TATTITATTA TTTTIGTGGC TATTGTGAGT GGGATTGCAT TCCAGATTTG
355051 GCTGTCAGCT TGGATGTTTT TGGTGTATAT CAATGCTACT GATTTTTGTA
35531 GENERAL GENERAL ACTIVITIES AND ACTIVITIES
355101 CATTGATTTT GTATCCTGAA ACTTTTACTG AAGTTATCAG ATCCAGGAGC
355151 TTTTGGGCTG AGACTATGGG GGTTTTCTAG ATATAGAATC ATGTTGTCTG
355201 CAAACAGGGA TAGTTTGACT TTGTCTCTTC CTATTTGGAT ATCTTATTTC
355251 TTCCTCCTGC CTGATTTCTC TGGCTAGGAC TTCCAGTACT ATGCTGAGTG
355301 GGAGTAGTGA GAGAGGGCAT TCTGGTCTTG TGCTGTTTTT CAAGGAGAAT
333301 Gardinalida Garagadat Teladiella locialiti Caragadati
355351 GCTTCCATCT TTTGCCCCATT CAGTATGATG TTGGTTGTGG GTTTGTCATA
355351 GCTTCATCT ATTATTTICA ACTITICTIC TICCATCCT CCTTATICA
355401 GATGGCTCTT ATTATTTTGA AGTTTGTTCC TTCCATGCCT GGTTTATTGA
355401 GATGGCTCTT ATTATTTTGA AGTTTGTTCC TTCCATGCCT GGTTTATTGA 355451 GGGTTTTTTA AATGAAGCAT TGTTGAATTT TATCAAAAAC GTTTTCTGAA
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355401 GATGGCTCTT ATTATTTIGA AGTTIGITCC TTCCATGCCT GGTTTATTGA 355451 GGGTTTTTA AATGAAGCAT TGTTGAATTT TATCAAAAAC GTTTTCTGAA 355501 TCTATTGACA TAATCATGTT TTTGTTTTA GCTCTGTTTA TAGGATTAAT 355551 CACATTTATT GATTTGATATA TGCTGAACCA AACTTGCATT CCAGGGATTAA 355601 AGCCTACTTG ATCATGGTGG ATTTGCTTTT TTGTTGTCA CTGGATTCAG 355651 TTTGCTAGTA TTTTGTTGAG GATTTTGTTTTT TTGTTGTCAT CTGGATTCAG 355651 TTTGCTAGTA TTTTGTTTTT TTGTTGTGT TCGATGCTA CTGGATTCAG 355651 TTTGCTAGTA TTTTGTTTTT TTGTTGTGT TCGATGCTA CTGGATTCAG 355751 CAATGATGCT GGCCTCATAG AACGAGTTGG AGAGGGATCC CTCCTCCCTA 355801 ATTTTTTGGA ATAGTTTCAG TAGGAATGGT ACCAGCTCTT CTTTATACAT 355901 TATTACTGCT TCAGTTTTAG AACTTGTTAT 355901 TATTACTGCT TCAGTTTTAG AACTTGTTAT 355901 TATTACTGCT TCAGTTTTAG AACTTGTTAT 356001 TTATTCTAGAT TCTTCTAGTT TGTATGCAGA ATTTACAGT 356001 TTATTCTAGAT TCTTCTAGTT TGTATGCATA GAGGTCTTCA TAGGACTCTC 356001 TTATTCTAGAT TCTTCTAGTT TGTATGCATA GAGGTCTTCA TAGTACTCTC 356001 TTCTAATTT TTTTATTTTG GATCTTCTTTTTTTTTTT
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35901 CAGITITTAG GAGTAATTAC AAAGCTAACA GGAAAATATG TCTCCCTTCT 359051 AAGATAAAAG GAACCIGAAT ATTTGTCCCT AATATTAGAA AGCAAATGGC 359101 TCGCAAAAAT TCTCAAAGAT AGTGTGAATC ATATTAGAA AGCAAATGGC 359151 ATAAAGGGGG AAAAAAGTGA CATTTGGGGT ATTAAACCTG AGATGAACAT 359201 CCTAATCCAG AGAGTAGCTG ATCTTTAGAC CTACAGGCTG CCAGTGAGGT 359251 GTTGTCAGAT GTTGGAGTTT AGGCATAGAC AAATGCACTG GGAAGAGAAC 359301 AGTGCCACTG GCTAGTCACT TCACTTCTGG GCCTCAGTTT TCTCATACCT 359351 ATTTTGTGGA TTATGTGGGT TGCTAATTAA GACACCCATC TACCTTTGAT 359401 GTTCTTTAAA GTAGAAGAAA GAAATTTAAA CAAATGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCTTCAA CAGGTGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCTTCAA CAGGTGAATG GATGAATAAA 359501 CTTTGGGAAG TCCAGACAAT GGAAGATTAT CCAGTGCTAA AAAGAAAATG 359601 AATGGAAGTA GCCAATCCAA AAAGGCTACA TACTCTGTAA TTATATGACTA 359601 AATGGAAGTA GCCAATCCAA AAAGGCTACA TACTCTGTAA TTCCAAATAT 359651 ATGATATTCT GGAAAAAACA AAACTATGGA GACTAAAAAA GATCAGTGGT 359701 TGTCAGGGAT TAGGGGGAAGG GAGGGATGAA TAGGCAGAGC ACAGAGGATT 359751 TTTAGGGCAG TGTAACTACT GTATTCACTA CAGTGCTGGG TACATCTCAC 359801 TATATACTTG ACAATGTAAC AATGTAAGTT CATCACTTAT AACAAATGTA 359951 ACCTCAAACA TACTTGGGAA CTCTGTACTT TATGGCCAGT TTTACTTGGA 359951 ACCTCAAACA TACTTGGGAA CTCTGTACTT TATGCCCAGT TTTACTTGTGA 359951 ACCTCAAACA TACTTCGGAA CTCTGTACTT TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACA TACTTCGGAA CTCTGTACTT TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACA TACTTCAGAA TTAAGTCTAT TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACA TACTTCAGAA TTAAGTCTAT TATGCCCAGT TTTACTGTGA 360051 TCATCTCCAC TGCCTGTTTC ACACCTTTCAC GTCTTTCACT GAGCCTTTCAC 360051 TCATCTCCAC TGCCTGTTTC ACACCTTTA GTCACTTTCAC GTCTTTCACT GAGCCTTTCAC 360051 TCATCTCCAC TGCCTGTTTC ACACCTTTCA GTCCTTTCAC TGCCACCTTTCACCT TTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTCACCTTTTCACCTTTTCACCTTTCACCTTTCACCTTTCACCTTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCACCTTTCAC
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359001 CAGTTTTTAG GAGTAATTAC AAAGCTAACA GGAAAATATG TCTCCCTTCT 359051 AAGATAAAAG GAACCIGAAT ATTTGTCCCT AATATTAGAA AGCAAATGGC 359101 TCGCAAAAAT TCTCAAAGAT AGTGTGAATC ATATTCTTTT ATAACACTGG 359101 TCGCAAAAAT TCTCAAAGAT AGTGTGAATC ATATTCTTTT ATAACACTGG 359151 ATAAAGGGGG AAAAAAGTGA CATTTGGGT ATTTAAACCTG AGATGAACAT 359201 CCTAATCCAG AGAGTAGCTG ATCTTTAGAC CTACAGGCTG CCAGTGAGGT 359251 GTTGTCAGAT GTTGGAGTTT AGGCATAGAC AAATGCACTG GCAAGAGAAC 359301 AGTGCCACTG GCTAGTCACT TCACTTCTGG GCCTCAGTTT TCTCATACCT 359351 ATTTTGTGGA TTATGTGGGT TGCTAATTAA GACACCCATC TACCTTTGAT 359401 GTTCTTTAAA GTAGAAGAAA GAAATTTAAA CAAATGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCTTCAA CAGGTGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCTTCAA CAGGTGAATG ACACTAAAAA 359501 CTTTGGGAAG TCCAGACACAT GGAAGATTAT CCAGTGCTAA AAAGAAAATG 359651 ATGATATACTT GGCAAATCCAA AAAGCCTACA TACCCTTGAAT TATATGACTA 359651 ATGATATTCT GGAAAAAACA AAACCAATGGA ACCTTAAAAA GATCAGTGGT 359701 TGTCAGGGAT TAGGGGAAGG GAGGGATGAA TAGCCTGAACA TACCCTGAACTA TACCCTGTAA TACCCTGTAA TAGGCAGAGC ACAGAGGATT 359851 CCACTCTGAT GTGAACTACT GTATTCACTA CAGTGCTGG TACATCTCAC 359801 TATATACTTG ACAATGTAAC AAAGGCTACA TACCCTGTAA AAACAACATT 359851 CCACTCTGAT GTGAGTTAAT GAGTATATT GAGGTAACT ACCACTAAAAA AATGAACTAT TATATGGGTAA 359901 GGGCAAGGAG TATCTGGGAA CTCTGTACTT TATGCCCAGT TTTACTGTGA 359951 ACCTCCTGAT GTGAGTTAAT GAGTATATT GAGGTAACT TATGCCCAGT TTTACTGTGAACT ACCCCTAAAAA TAAAGTGCTAT TATGCCCAGT TTTACTGTGAACTA CACCTTAAAAA TAAAGACATTT AAACAACGATT ACCCCTAAAAA TAAAGACATTT AACAAATTTACTTGAGAACT ACCCCTAAAAA TTAAGTCTAT TTTAAAAAATT AAACAAGACTT 360001 GGAGGAAATG GAAGGGGAGA AAATAAAAAG GCTACTCACT GAGCCTTTCC 360051 TCATCCTCCC TCCAACCTTA GTCACTTTCA CGTGGATAGT TAAGGACAGCT AGGCGGAGAATG GAAGGGGAGA AAATAAAAAG GCTACTCACT GAGCCCTTTCC 360051 TCATCCTCCC TCCAACCTTA GTCACTTTCA CGTGGATAGT TAAGGACAGCT AGGGGAAATG GAAGGGGAGA AAATAAAAAG GCTACTCACA AACAACACTTG GCCATTTCAC TTCCAACTTA AGGGAGAATC TCCCAATAAT AACAGCATTG AGGGAGAATC TCCCAATAAT AACAGCATG GATCCAGTAT AACATGAGTG ATTGCCCAT AGGGGAGAATC TCCCAATAAT ACCACTTAGA CTCTTGGAAGT ATCCAATAT 3602
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359001 CAGTTTITAG GAGTAATTAC AAAGCTAACA GGAAAATATG TCTCCCTTCT 359051 AAGATAAAAG GAACCTGAAT ATTTGTCCCT AATATTAGAA AGCAAATGGC 359101 TCGCAAAAAT TCTCAAAGAT AGTGTGAATC ATATTTAGAA AGCAAATGGC 359101 ATAAAGGGGG AAAAAAGTGA CATTTGGGGT ATTAAACCTG AGATGACAT 359201 CCTAATCCAG AGAGTAGCTG ATCTTTAGAC CTACAGGCTG AGATGAGGT 359251 GTTGTCAGAT GTTGGAGTTT AGGCATAGAC CTACAGGCTG CCAGTGAGGT 359301 AGTGCCACTG GCTAGTCACT TCACTTCTGG GCCTCAGTTT TCTCATACCT 359351 ATTTTGTGGA TTATTGTGGGT TGCTAATTAA GACACCCATC TACCTTTGAT 359401 GTTCTTTAAA GTAGAAGAAA GAAATTTAAA CAAATGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCCTTCAA CAGGTGAATG GATGAATAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCCTTCAA CAGGTGAATG GATGAAAAAA 359451 AGCTATAAAGG CCATTGACAGT GCATGAAGAT ACCATGAAAAA 359501 CTTTGGGAAG TCCAGACAAT GGAAGATTAT CCAGTGCTAA AAAGAAAATG 359501 AATGGAAGTA GCCAATCCAA AAAGGCTACA TACTCTGTAA TTATTGACTA 359651 ATGATATTCT GGAAAAAACA AAACTATGGA GACTAAAAAA GATCAGTGGT 359701 TGTCAGGGAT TAGGGGAAGG GAGGGATGAA TAGGCAGAGC ACAGAGGATT TAGGGGAAGA ACCTAAAAAA GATCAGTGGT 359751 TTTAGGGCAG TTAGGGGAAGG GAGGGATGAA TAGGCAGAGC ACAGAGGATT AGGGGAAGAT TAGGGGGAAG ACCTAAAAAA GATCAGTGGT 359801 TATATTACTTG ACAATGTAAC AAACTATGGA GACTAAAAAA GATCAGTGGT 359951 ACCTCAAACT ACCATAAAAA TAAGGCTACA TACTCTGTAA TTTATGCCCAGT TTTACTGGA GACGGAGAT TAGGGGAAGATG ACATTCACT AACAAATGTAA AAAGGCTTAC TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCAAT TATGCCCCAGT TTTACTGTGA 360051 TCATCTCCC TGCCTGTTTC ACCACCTTTC AGGGCAGAAT TAACTGGATAC ACATCAGATG ATTGGTCCAT AGGACAGCT TAGGGCAGA AATTAACTTGG GATCCAGTAT AACATGAGTT TAGGACAGCT AACATCCAAA AACAAGCATG ATCACTTTCA ACATGAGTT AACATGAGTT TAGGACAGCT AACATCCAAT ACATCAGAGT ATCACTTTACTGG ATTCCCTTAGA ATCACTTAGA TTTGGTCCAT AGGGAGAAT TACATTGGTCAT ACCATGAGTT AACATGAGTT
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359001 CAGTTTITAG GAGTAATTAC AAAGCTAACA GGAAAATATG TCTCCCTTCT 359051 AAGATAAAAG GAACCTGAAT ATTTGTCCCT AATATTAGAA AGCAAATGGC 359101 TCGCAAAAAT TCTCAAAGAT AGTGTGAATC ATATTTAGAA AGCAAATGGC 359101 ATAAAGGGGG AAAAAAGTGA CATTTGGGGT ATTAAACCTG AGATGACAT 359201 CCTAATCCAG AGAGTAGCTG ATCTTTAGAC CTACAGGCTG AGATGAGGT 359251 GTTGTCAGAT GTTGGAGTTT AGGCATAGAC CTACAGGCTG CCAGTGAGGT 359301 AGTGCCACTG GCTAGTCACT TCACTTCTGG GCCTCAGTTT TCTCATACCT 359351 ATTTTGTGGA TTATTGTGGGT TGCTAATTAA GACACCCATC TACCTTTGAT 359401 GTTCTTTAAA GTAGAAGAAA GAAATTTAAA CAAATGAATG ACACTAAAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCCTTCAA CAGGTGAATG GATGAATAAA 359451 CAGAACAGAA ACCACCAAGA TGTCCCTTCAA CAGGTGAATG GATGAAAAAA 359451 AGCTATAAAGG CCATTGACAGT GCATGAAGAT ACCATGAAAAA 359501 CTTTGGGAAG TCCAGACAAT GGAAGATTAT CCAGTGCTAA AAAGAAAATG 359501 AATGGAAGTA GCCAATCCAA AAAGGCTACA TACTCTGTAA TTATTGACTA 359651 ATGATATTCT GGAAAAAACA AAACTATGGA GACTAAAAAA GATCAGTGGT 359701 TGTCAGGGAT TAGGGGAAGG GAGGGATGAA TAGGCAGAGC ACAGAGGATT TAGGGGAAGA ACCTAAAAAA GATCAGTGGT 359751 TTTAGGGCAG TTAGGGGAAGG GAGGGATGAA TAGGCAGAGC ACAGAGGATT AGGGGAAGAT TAGGGGGAAG ACCTAAAAAA GATCAGTGGT 359801 TATATTACTTG ACAATGTAAC AAACTATGGA GACTAAAAAA GATCAGTGGT 359951 ACCTCAAACT ACCATAAAAA TAAGGCTACA TACTCTGTAA TTTATGCCCAGT TTTACTGGA GACGGAGAT TAGGGGAAGATG ACATTCACT AACAAATGTAA AAAGGCTTAC TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCAAACT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCATAT TATGCCCCAGT TTTACTGTGA 359951 ACCTCCAACCT ACCCTAAAAA TAAGTCAAT TATGCCCCAGT TTTACTGTGA 360051 TCATCTCCC TGCCTGTTTC ACCACCTTTC AGGGCAGAAT TAACTGGATAC ACATCAGATG ATTGGTCCAT AGGACAGCT TAGGGCAGA AATTAACTTGG GATCCAGTAT AACATGAGTT TAGGACAGCT AACATCCAAA AACAAGCATG ATCACTTTCA ACATGAGTT AACATGAGTT TAGGACAGCT AACATCCAAT ACATCAGAGT ATCACTTTACTGG ATTCCCTTAGA ATCACTTAGA TTTGGTCCAT AGGGAGAAT TACATTGGTCAT ACCATGAGTT AACATGAGTT

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360501	AAAGAAATAG	TTCACTIGTT	CAAAGAACTA	AGAAGTCTTG	TTATTTAAAA
		AAAAGTACAA			
		AGAAAGGAAA			
360651	TATCAAGCCT	ATCAAGACAC	CTACCAGGAT	GTTTTATAAG	ATTTCTTTG
360701	ACACAGAAGG	<b>GGAAAGTCAG</b>	TGTTCTTCT	<b>GTATCAGAAC</b>	ACTTAATATA
360751	TGAAAATGAT	TTTGCTTCAC	<b>AAAAACTGTG</b>	<b>AATATAAGTG</b>	TCTTGCACTT
360801	TTATGTTTTG	<b>TCCCTGGAAG</b>	<b>TCTAGGTCAG</b>	<b>ATGCTCCATA</b>	AAGGTTTTTGG
360851	ATGTGATCTC	TAAAGCATAT	GTTCCACCAA	GAAGTCTTTC	TATATTCACC
		TTTCCATGGA			
		GTGCTGCGAA			
		ATTITIAAGT			
		<b>ATATCATTIG</b>			
		AGTATAAGTG			
		TGTTGCTT			
		AATGITTICT			
		CAGTTTICTT			
361301	ATTICATAGG	AATGTCCTCC	TATISTAATIC	CCACTTAACT	GTCTAAATCA
361321	CCCATCATTA	AACTACAGTT	TEACCATTAA	ATATOCCOCA	CAAACTICTIT
		CACAAGCTAA			
3C1 EV1	TCTA ATTCCA	GAAGAATAAT ATGTCCATAA	ACCIONIGAC	CAACACACCC	ACACTCATTC
361601 30T33T	ATTIACGIAI	TGCCCATGGC	TOCTICCACA	ACCAAAACAC	AGATTIGAGT
30T00T	AGIICAGGA	GGAACTGTGT	ICICUGUAG	ACCAMACAC	ATTECHE
		GCATAAGTTT			
		CCTCTGCACC			
		CCTTCTTCTC			
		TTATGATTAC			
		TGTCATTTCT			
		ATAGAATGTC			
		TGGGGGTTAG			
		TAGTATGTGG			
		AAATCACTTT			
		CCCTACCACA			
		TCAGCTGTCT			
		CCTCCTGAAA			
		CATTIGITIT			
		TCAGCATGAT			
		AAAGGAAAAT			
		TTATTGTATA			
		TCTTCACTTT			
		TTGTTGGGGG			
		ATTTTACAGA			
		TCACAATTAA			
		AGATTTTAAC			
		CTATTTCATG			
		TTCCTTAGAT			
36580T	CITTITIACCA	CCAAAGTTCT	TAMAGICIA	GCACACCTAC	IGCCTCTACT
362851	TCCTCACTCA	TAATTCGCTT	CTCAAACCCT	GGCAGTCTGG	GCTTTCCCTC
362901	CCTCTGCACA	CTGCTAAGCT	GACCTCACTA	THECHEIC	ICCANTIAIA
		CTAAGTCCTC			
		CCCTCTTCCT			
		CCTCTACTTC			
		GGCTTAAGTG			
		TTCTTAGGCT			
		AGAACTCAGA			
		TCAGACTACT			
		CCTTCACATG			
363351	CCCATGGAGT	GOCTTGCCAC	CAACACCACC	AGTACATCTC	TTCACATTCT
		ATTCCTAAAG			
		TCCCTCCCTC			
363501	CCAGAGTCAG	ACAGATATGG	ATTTAAATAT	GGATCCACCA	CTTACCTGTG
		AACAAATTTA			
		GGGTAGGGGG			
		GTAACTTATG			
363701	TGGTGGAGGT	<b>GGTAGTGCTA</b>	ATAGTGCTAA	TATCACCATC	GTCAATATAA
363751	TTATTICCAC	AGCAGCATTT	TGTTTCTCAT	ATGTCAGTTA	CGTCACTGTA
363801	CITATIGICT	TGTTCTCATT	TCAGAATTTC	AGACTCCTCG	AGGTTTTATT
		TGTTCCCCAA			
363901	TTCCTAAGTG	AGTTGAGTTG	CATAGAATAG	CTATTCTCCC	CTAAAGGAAA
363951	ATACTGACTC	CACAGTGTTC	TTAAAAGTCA	GAGCTGGTAA	GTTTGTAGCT

364001	GCTCTTCAT	ATTITAATCA	<b>AACATTATCA</b>	CACTAAAAA	AATCATTGTT
364051	ACATITICIC	ΑCΤΙΤΑΛΛΑC	TTGAAACTAA	GTAGTCTTTA	AATTTTAAAT
304031	ACAI I I IOIC	CCAACACTTA	ATCACTTATA	TATTTAGATA	TACCTCCTCT
364101	HIAAHIC	COAGAGITA	AIGACTIAIA	CTATTICATC	CATAAATTAT
364151	GAAGTAATTA	IIIIIAAAAG	AACIACIIII	GTATTTGATG	CAIAMAIIAI
364201	ATCAGTAGTA	AAATATTCAG	AGAAGAAAAA	TTAATATACA	AACAT TAAAT
364251	TGCTTTTGAT	TTTATATGTT	TGATTCTGTG	TCTATCTTAT	TTTTGATTTT
364301	GTAAAATCAA	TGCCAACTGC	AAAGTTTTT	AGCTTAAATA	ACCAGCAGTT
264251	THEFT	CATGITITA	CTTACAAAAC	CTTTATCCTC	ΤΔΤΟΤΟΤΟΔΑ
304331	CATATTECE	CAAAACACAT		TGGGAAACAT	CACTITICA
30440T	CAIAITICIG	GAMACAGAT	THEIGHTE	TATA ACTOR	OCCITION .
364451	CAAATCACAC	ATCGACCIGG	HAIAMAL	CTATAACTGC	THUTTIGHT
364501	GCTCTGAGGG	CCAGAGITGT	AGATTAGGTT	CTGCTGTGGA	TTTCTGAAGG
364551	CTAAAGTAGG	GAAGGAGTGG	TIGIGCIATI	CCGATCTGAA	CTTCTGTAAT
364601	ACCACACITAG	CAAAGCAGTG	AGGAGTTGAA	AGGCCTTTAA	AAAAAAAAAA
364651	ACTATACCIT	CACATGGAGT	CCTCTGAAT	<b>AAGTACCAGC</b>	ACCCCAAAGT
304031	CACTAAAATT	ACTICCCAAA	TCAACCATTC	ATCACTCAGA	AACCCTTTAT
304/01	CACIAWATI	ACICCO	COMMONTIC	COCOCO	TCACACCTTT
364/51	GGATCACCAG	HIHGAGGG	CICGGIATTI	GGGGGGCC	OCCUPATION OF THE PROPERTY OF
364801	GAACCAGACA	TGCTTCACCT	GAGTTAAGGA	CACCTCTACC	GGCAGGCCCC
364851	TAGAGAGTGG	CTCAGGGTAC	TGATGGGGTC	AGAAAAGGGA	GGGTGTGACC
364901	AAAGAGCAGA	TTGAGTCCAC	<b>ACTITIGAATA</b>	CTTTCAGGAA	CTACTTGCAG
364951	CCACTCAGGA	ΔΤΑΤΑΛΑΚΤΑ	GTATCACAGC	TGAGAGCTTT	ATTTAACATT
365001	CACTTAGIT	ATAATCITTA	CCTAATCTCT	ACTGTTTTTA	TTTGGCTACT
303001	ACCTATITAC	TOTALOCCO	TTTTTTTC	AGGCTGGCCA	AGAGCACACT
20202T	AGCIATTIAG	IGIAACCCA	CCCACCTCTA	CTCAACCTAC	ATCAACACAT
302TOT	TCAACTCAAT	AGIAGICAAA	GCCAGCICIA	CTGAACCTAC	ATGANCACAT
365151	GAGCACACAA	ATIGIGIGGT	ICIGAAGITT	GTGGGGGTAT	ITITAGTIC
365201	TTGATAAATG	TTCATCTGCC	TAAGCAGTAT	ATACAATGTA	AAGTTAAATG
365251	TGACACCTGC	TATAAGGCAT	<b>ATAAATTCCA</b>	CATTCGGTTA	AAAACCAACT
365301	TGTTAAGACT	AAAGTCCTAA	ATTAGTTAAC	ATTAAGTCAG	ATATCTTATT
365351	TIATOCTICE	CATATATTT	CTTCTTCC	TICATIGITC	TITICATIC
				GCCAGATAAG	
202401	THOCIAIAI	ATATTACCA	CAAAATAAA	CAACTICTATE	TTCTCACACC
365451	CIAGCATCIA	AIAI IAGCAA	CGAAAAIAAA	GAAGTCTATT	I I G I GAGAGG
365501	CAACAGACCA	TCAACAAAAT	AAAATATAGT	ATGTGGCAAT	AACACACAAG
365551	GAGCAAAATA	AAGCAGGGAA	GGAGAATGGG	ATTACAGGGA	GGGCTGCAGG
365601	TTTTAATAGG	GTGGCCATGG	AAAACCTTGC	CGAGAAGGTG	CATTIGIGI
365651	AAAGACTTGA	GGCGAGTGAA	CTGCAATTAT	CCAAAGGAAG	CACATTTCAG
365701	CCACACCCAA	CAAGAAGTCC	ACATICCTICG	AACACGAGTG	TTCTTTGCAC
265751	ATTCAACAAC	ACCCACGAAG	CCAATETCAC	TGGAGTGAAG	ACTICTGAGGG
302/2T	ATTOMOMIC	AGCCAGGAG	COMIGICAL	ACTAACTCAT	TCCTCTCCCA
30280T	GGTTCTAGGG	CCCAGIIGAA	AVVVAGIGGG	AGTAAGTGAT	COCTACCATT
365851	TGCTGCTGAT	AGAT TAAATA	GATTGAGAAC	TGAGGATTGA	CCGTAGGATT
365901	AGTGACCTTG	ACAGAGCAAT	TCAGTGGGGG	AGTGTTCAGA	AGTGTCATTT
365951	CAATGGGTTT	AAATGAGAAT	GGGAAGAGAG	GAAATAGAAA	ATGGAAAAATG
366001	AAGAGAGCTC	TTCCAAGGAG	<b>AGTTGCTAAT</b>	GGGAATGAAA	GCAGATATGG
366051	AGACAAGGAA	CCCACTAGAT	ΤΔCΔΤCΤΔΤΔ	AGGTGAGAAA	TTACAACGTG
266101	TTTTATOT	CETCETAAAG	CTTCACTCAC	GTAAAAGGAA	ATTOGAACCCC
200101	ATTCATAAAT	ACAACCATTC	ATCTTCCAC	CACAGATACT	TCATCTATIG
200T2T	AIGCAIAAAI	AGANGGALIG	AICHIGGAG	CALAGRIACI	CAAACCCCTA
366201	AAACAGGAAA	GAAAGIIGAG	IAIGIACAIA	CAAGTAGAGG	GAVAGGGGIA
366251	GACTCAATGG	TGATAGCATG	TTGAAAGTTC	TTCTCTGCCA	CATGAACAAA
366301	CTTTCTTTCC	AGTGCTTAAA	CAACACCTGC	AGTATCCTTC	TCATATGGTC
366351	ATTTGCATAT	TATCTCTACA	<b>GCTGTCTTAT</b>	GTTTGGCCAG	CTTATTAATT
366401	GTTAATATAT	CICTICCICT	TATTGAGCAA	AAACCTTTCT	TCTAGAACAT
366451	TGATTCTAGT	TCTGCTTCCC	ATAGCCTCCC	AAGATGGACA	GTTCTAATTT
266501	TOTATACAA	CACCCTTTCA	ACCACTICAC	GACTGATGTG	GITTCTCAAG
200201	CCCCACCTICA	THOCTOTA	TTCTAACACC	TAGCCCTTCA	CTCTCTCTCC
30033T	GCCGACCTCA	HUCHGUIGA	TICIAACACC	TAGCCCITCA	TEATERA
30000T	TOGCATGIGI	GGTTICAACC	CCIGICACAI	TCAGACACTC	ICAICIAACA
366651	GGGCCCCAGGG	TATTTAATCA	GTTTCATTIG	CTAATCAGGC	CICATIGGIC
366701	CCCGCCTTTG	GTATCTGTTT	TTCTCCCAGG	CTTTTTCTA	CATATTTAGT
366751	GTTTCTCACA	AATACTAACA	TTGAACCAGC	ATGCCATTAA	GATTTATTTA
366801	TTTATTTCAG	TAGCTTTAGG	GGTACAAGTG	எரான	ACATGGATAA
366951	ATTEMATACE	CETCAACTCT	CCCCTTTAC	TATACCCATC	ACCCAAATAG
366001	TATACATTO	TACKATOO	TAATTTTTCA	TICTITACCC	CCACTICCAC
20020T	IAIACALIGI	ACCOMING	CACTO	TATACAACT	CATATACT
300951	CCTACCCCGT	ICIGALICIC	COGIGICAL	TATACAATTC	CAIAIACCII
				CATGTGAGAA	
367051	TOGTTTTCCA	TTCCTGAGTT	ACATCGCTTA	GAATGACCTC	CAGTTCCATC
367101	CAAGTTGCTG	TCAAAGACGT	TACTTIGITA	TTTTTCTGG	CTGGGTAGTA
367151	TTCCATGGTA	TATATACCAC	ATTTTCTCCA	TOCTCTTATT	GGTCGATGGG
367201	CACITACETY	CATTCCATAC	CTIGICATO	GTGAACTGTA	CTGTAGTAAA
				TGATTICTT	
207224	MINIACAIG	CACAIGICIC	CAACCATCA	ATOTAL	TACCTTTACT
20/301	AGATACCCAG	IAGIGGAII	GANGAICA	ATGGTAATTC	IACCITIAGE
<b>36/351</b>		ATT TO ATAT	IGITLICCAT	AGAGGI TGTA	CIAATTIACC
	TCTTTGAGAT	AICICAIAI			
367401	TTCTCACCAC	TAGTGTATAA	GCATTCCCTT	TICTCTGCAT	CCTCATCAAC
367401 367451	TTCTCACCAC	TAGTGTATAA	GCATTCCCTT	TICTCTGCAT	CCTCATCAAC ACAGCTATTC

367501					
	TGACCGGGGT	AAGATGATAT	CTCATTGTGG	TTTTAATTTG	GAGTTCTCTG
267551	<b>ATGAATAGTG</b>	CTCCTAACCA	TATTTTTT	ACCGITGITG	GCCATTTGTA
307 331	Alormoid	TOTTO	ATTENCEMENT	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	CACTITUTE
36/60T	TGICITITI	IGIGIGWAA	AIGICAICI	GIGICETTIC	CACITITI
367651	TTTTAAGTTC	CAGGGTACAT	GTACATGTTG	TGCAGGTTAC	ATAGGTAAAC
367701	<b>ATATGCCATG</b>	COCCUTOCI	CCACCTACCA	ACCCATCACC	TAACTATTAA
201/OT	AIAIGUAIG	GIGGITIGE	GLACCIAGA	ALLAICALL	IAMIATIAA
367751	<b>ACCCAGTATG</b>	CATTCACTGT	TTATCCTGAT	GCTCTCTCTC	CCTGCCCTCC
367901	AATAGGCCTA	CTITTIAATC	CCCTTATTIT	GTTGCTGCTG	TIGAGITICIT
	TGAATTCTTT				
367001	GACAATATTT	TCTCTCATTC	TTCAGGATGT	CTGTTCACTC	TCTTGATAAT
20/201	GACANATA		110-00-101	AATTAAACTT	CCATTONIANI
36/32T	псппст	GIGCAGAAGI	GIIIAGIII	AATTAWAGTT	CALLIGICE
368001	ATTTTTGCTT	TIGHICCHIG	TGCTTTTGAG	GTTTTAGTCA	TGAATTCTTT
	GCCCAGACCA				
368101	CAGTTTCAGT	TCTTACATTT	AAGTATTTGA	TCCATCTTGA	GITCITITI
	TATACAGTGA				
368201	CAATTTTCCCC	AGCACCATTT	ATTGAAAAAG	GIGICCCTTC	TCCAGTGTAC
368351	GTTTTGTCA	TAAAAGATTG	TTCCCTATAG	ΔΤΔΤζΤΛΤΤΛ	GTCCATTTTC
368301	<b>ACACTGCTGA</b>	TAAAGACATA	CCCAAGACIG	GGCAATTTAC	AAAAAGAAAAGA
368351	<b>GGTTTAATTG</b>	CACCCACACT	TOCATICTICSC	TGAGGAGGCC	TCACAATCAT
368401	GGTGGAAGGC	AAGGAGGAGC	AATTCACATC	HAMAIGGAI	GGCAGCAGGC
368451	AAAAAGAGAG	CTTGTGCAGG	GAAACTCCTG	ΤΤΤΤΔΔΔΔΔ	CATCATATCT
	CATGAGACTC				
368551	ATAATTCAAT	CACCTCCCAC	CGGGTTCCTC	CTACAACACA	AGGGAACTGT
	GGGAGTTAAA				
368651	CCATCTACTG	CTGTTGGTGG	AGCGTTTAAG	TCTCCCACTA	TTATTGTATT
369701	GCTCTCTGTC	TTTTCTTACC	TCTAACACCA	TITCTITTAT	CAATCTCCCA
368751	ACCCTGGAGT	TAGGTGCATA	TTTATTTAGG	ATTGTTATAT	CHCHGIGG
368801	AACTGATCCC	ΤΤΤΑΤΓΑΤΤΑ	TATAATGACC	CICITICAGG	TITTIGITE
	ппыс				
368901	<b>AGAAAGGCTA</b>	TTACTGCTTG	CITTIGGITT	CATTTGCATG	GAATATTTTT
	TTCATCCCCT				
369001	CCTTGAAGAC	AGGAGATATT	TGGCTTGTGT	TTCTTTATCC	ATTCCACCAG
	TCAGTATCTT				
369101	<b>AACATTAATA</b>	TTGATATGTG	AGGTACAATT	CTAATGATCA	TTTTGATTGT
	<b>TATCTAGTTG</b>				
3692UL	GTTTTATGCT	TTCAAAIGIT	TITIATACIGG	IGCAIAITGA	CCHICATH
369251	TGAAATTTAG	AACTCCTTTT	AGCATCTCTT	GTAGGGCTGG	TCAAGTGGTG
	ACAAATTCCC				
369351	GAAAATTAGT	TTTGCAGGAT	AGAAAATTCT	TGGCTCCCCA	TGGGAGAAGC
360401	ACCAGCTGTG	TOTACACTICA	TECCCTEACA	CTTATTCTCC	TTTTGAGAAG
369451	ATTAAAGATA	GGACACCAAI	CHITICIGGC	HAIAAGGH	ICIGCIGAGA
369501	AATCTCCTGT	TACTCTGACA	GTTTCCTT	TATCTTTCCT	TTCAAGTTAT
	CTGATGCTTT		CICHAGAAI	ICCHAIL	
369601					
	TAGATAGCCT	GATGAATATA	TGCCTTGCTG		
				ATGTCCATTT	TGCAATGAAT
369651	CTCCTAGGAG	TTCTTTGAGC	TICITGIATT	ATGTCCATTT TGGATGTCTA	TGCAATGAAT AGTCTCTAGC
369651		TTCTTTGAGC	TICITGIATT	ATGTCCATTT TGGATGTCTA	TGCAATGAAT AGTCTCTAGC
369651 369701	CTCCTAGGAG AAGACCAGGG	TTCTTTGAGC AAGTTTCCCT	TICTIGIATT CAATTATICT	ATGTCCATTT TGGATGTCTA CTCAGATAGG	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT
369651 369701 369751	CTCCTAGGAG AAGACCAGGG GATTTGCTTT	TICTITIGAGC AAGTTICCCT TCTTTICTCT	TICTIGIATT CAATTATTCT CAGGAACACT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC
369651 369701 369751	CTCCTAGGAG AAGACCAGGG	TICTITIGAGC AAGTTICCCT TCTTTICTCT	TICTIGIATT CAATTATTCT CAGGAACACT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC
369651 369701 369751 369801 369851	CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT	TICTITIGAGE AAGITICCET TETTTICTET ATCTCATATT TATCTTTTTC	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG	TIGCAATIGAAT AGTICTICTAGC TTTTCTIGAAT AGGITTIGGAC TCTTTTAATT CATTICTICTTC
369651 369701 369751 369801 369851	CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT	TICTITIGAGE AAGITICCET TETTTICTET ATCTCATATT TATCTTTTTC	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG	TIGCAATIGAAT AGTICTICTAGC TTTTCTIGAAT AGGITTIGGAC TCTTTTAATT CATTICTICTTC
369651 369701 369751 369801 369851 369901	CTCCTAGGAG AAGACCAGGG GATTTGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC	TICTTIGAGC AAGITICCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT
369651 369701 369751 369801 369851 369901 369951	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC	TICTIGIATI CAATTATICT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG
369651 369701 369751 369801 369851 369901 369951	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC	TICTIGIATI CAATTATICT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG
369651 369701 369751 369801 369851 369901 369951 370001	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAAATATGTC	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTACTTCATT ACTTTCCATT	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA
369651 369701 369751 369801 369851 369901 369951 370001 370051	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAAATATGTC TGATTTCTTT	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTTT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC
369651 369701 369751 369801 369851 369901 369951 370001 370051	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAAATATGTC TGATTTCTTT	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTTT	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTT ACTTTCCATT TCAATTTTCT	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTTATATA CTTGTTTCAT AAGCTCTGAC GCATTGCATT	TTCTTTGAGC AAGTTTCCCT TCTTTTCTCT ATCTCATATT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAAATATGTC TGATTTCTTT TTAATAGTCA	TTCTTGTATT CAATTATTCT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTGGTTT GCATTTTGAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTTTACTTCATT TCAATTTTCT TTTTTTTATC	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA
369651 369701 369751 369801 369851 369901 369951 370001 370051 370101 370151	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GTTTATATA CTIGTTTCAT AAGCTCTGAC GCATTGCATT GTTTTCTTC ATTGTTATTG ATCGAGCAAC AAGATTTTGT	TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTTC ATCCTTTCT TIGTAATTCC AAAATATIGTC TGATTICTT TTAATAGTCA TTIGGTTTIGG	TICTIGIATI CAATTATICT CAGGAACACT TCTTGGAGAC TGATTTGGTT CTACTTGATC CAAAATATGT TCTTTAGAAA ATGTTTGGTT GCATTTTGAA ATGTTTGAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTCT TTTTTTTATC GGGAGGTTAG	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGITTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTGA CATAGTTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTTT
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTIATATA CTIGITTICAT AAGCTCTGAC GCATTGCATT GITTICTTC ATTGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGTGTT	TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCT TIGTAATICC AAAATATICC AAAATATICC TIGAATICTT TITAATAGTCA TITGGTTTGG GTAGAACTGT	TICTIGIATI CAATTATICT CAGGAACACT TCTIGGAGAC TGATTIGGT CTACTIGATC CAAAATATGT TCTTIAGAAA ATGTTIGGTT GCATTIGAT ATCTATIGCT GCATTITGAA ATCTATIGCT GCTTTTATA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTTT TCAATTTTCATT TTTTTTTATC GGGAGGTTAG TTGCAGAATT	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGITTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG
369651 369701 369751 369801 369851 369901 370001 370051 370101 370151 370201	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTIATATA CTIGITTICAT AAGCTCTGAC GCATTGCATT GITTICTTC ATTGTTATTG ATCGAGCAAC AAGATTTTGT GGAGGTGTT	TICTTIGAGC AAGITICCCT TCTTTICTCT ATCTCATATT TATCTTTTC ATCCTTTCT TIGTAATICC AAAATATICC AAAATATICC TIGAATICTT TITAATAGTCA TITGGTTTGG GTAGAACTGT	TICTIGIATI CAATTATICT CAGGAACACT TCTIGGAGAC TGATTIGGT CTACTIGATC CAAAATATGT TCTTIAGAAA ATGTTIGGTT GCATTIGAT ATCTATIGCT GCATTITGAA ATCTATIGCT GCTTTTATA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAAG TAGTCTGTTT CTTCATTTT ACTTTCCATT TCAATTTTT TCAATTTTCATT TTTTTTTATC GGGAGGTTAG TTGCAGAATT	TGCAATGAAT AGICTCTAGC TTTTCTGAAT AGGITTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG
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369651 369701 369751 369801 369851 369901 370001 370051 370101 370201 370251 370301 370351 370401 370451 370601 370651 370601 370701 370701 370701 370701 370801 370801 370801	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTICAT AAGCTCTGAC GCATTGCATT GITTTATTG ATTGAGCAAC AAGATTTIGT GTATTATTG ATTGAGCAAC AAGATTTIGT CTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCAA ATATGCTGGT CTCGTGGGGC GTGGTGTGTA ACAGTTCAGC CAGCCTTGAC CTTTGCAGGA ATTGAGGAGAGCAA ATTCAGATCAG TTGAGGAGAGGG TGTAGAGAGGAG	TTCTTTGAGC AAGTTTCCT TCTTTTCTCT ATCTCTTTTTCTT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAATATGTC TGATTTCTT TTAATAGTCA ATTTGGTTTGG	TICTIGIATI CAATTATICT CAGGACACT TCTIGGAGAC TGATTIGGTT CTACTIGATC CAAAATATGT TCTITAGAAA ATGTTIGGTT GCATTITIGAA ATGTTIGGTT GCATTITIGAA ATCTATTIGCT GCTTTITATA CTACTITTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CAGCCACCTC TGTCACACTC TCTGTGGATC CTACCCCAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCAATTTCT TTTATTTT TCAATTTCT TTTATTTT CTTGAGAATG TTGCAGAATT TTACTATTTT CTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTTC CCCACAGGTA CCAGTGGTTG TCCTTGAAAG AGCTTCTCT ATGTCGCAAT TGCAGAAATG GTGCTCCAGA	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTAT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTGT TCATTCTCCG ACTGAGTTGA AAAACAGCTG ACAGAAGTTC CACACCAGC GCACTGAGGT CCAGACCAGC GTTCTGGATA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC
369651 369701 369751 369801 369851 369901 370001 370051 370101 370201 370251 370301 370351 370401 370451 370601 370651 370601 370701 370701 370701 370701 370801 370801 370801	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTICAT AAGCTCTGAC GCATTGCATT GITTTATTG ATTGAGCAAC AAGATTTIGT GTATTATTG ATTGAGCAAC AAGATTTIGT CTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCAA ATATGCTGGT CTCGTGGGGC GTGGTGTGTA ACAGTTCAGC CAGCCTTGAC CTTTGCAGGA ATTGAGGAGAGCAA ATTCAGATCAG TTGAGGAGAGGG TGTAGAGAGGAG	TTCTTTGAGC AAGTTTCCT TCTTTTCTCT ATCTCTTTTTCTT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAATATGTC TGATTTCTT TTAATAGTCA ATTTGGTTTGG	TICTIGIATI CAATTATICT CAGGACACT TCTIGGAGAC TGATTIGGTT CTACTIGATC CAAAATATGT TCTITAGAAA ATGTTIGGTT GCATTITIGAA ATGTTIGGTT GCATTITIGAA ATCTATTIGCT GCTTTITATA CTACTITTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CAGCCACCTC TGTCACACTC TCTGTGGATC CTACCCCAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCAATTTCT TTTATTTT ACTTTCATT TCAATTTCT TTTTTT TCAATTTCT TTTTTT CTTGAGAATG TGGGGAGTTAG TGGGGAGTTT CTTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTT CCCACAGGTA CCAGTGGTA CCAGTGTAG AGCTTCTCT ATGTCGCAAT TGCAGAAATG GTGCTCCAGA	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTAT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTGT TCATTCTCCG ACTGAGTTGA AAAACAGCTG ACAGAAGTTC CACACCAGC GCACTGAGGT CCAGACCAGC GTTCTGGATA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC
369651 369701 369751 369801 369851 369901 370001 370051 370101 370201 370251 370301 370351 370401 370451 370601 370651 370601 370701 370701 370701 370701 370801 370801 370801	CTCCTAGGAG AAGACCAGGG GATTIGCTTT GITTTATATA CTIGITTICAT AAGCTCTGAC GCATTGCATT GITTTATTG ATTGAGCAAC AAGATTTIGT TTCCTTATCA TTTTATTCTA GAGGGTGTT TTCCTTATCA TTTTATTCTA GTTTGCGGTA GACTTTCAA ATATGCTGGT CTCGTGGGGC GTGGTGTGTA ACAGTTCAGC CAGCCTTGAC CTTTGCAGGA ATGCAGGA ATTCAGGATCAG	TTCTTTGAGC AAGTTTCCT TCTTTTCTCT ATCTCTTTTTCTT TATCTTTTTC ATCCTTTCTT TTGTAATTCC AAATATGTC TGATTTCTT TTAATAGTCA ATTTGGTTTGG	TICTIGIATI CAATTATICT CAGGACACT TCTIGGAGAC TGATTIGGTT CTACTIGATC CAAAATATGT TCTITAGAAA ATGTTIGGTT GCATTITIGAA ATGTTIGGTT GCATTITIGAA ATCTATTIGCT GCTTTITATA CTACTITTTC AAAAATTCCC GCTTAGGCTC TATAAAACAT GTGTGCTGGG GAGGTCCCAT TTTTTCCCAT GTAGGAGGTA ATGCAATACC GGGGGAGCTC CAGCCACCTC TGTCACACTC TCTGTGGATC CTACCCCAAA	ATGTCCATTT TGGATGTCTA CTCAGATAGG TATGATTCTT TTTGTTCATT GATTCAAAG TAGTCTGTTT CTTCATTTT ACTTTCATT TCAATTTCT TTTATTTT ACTTTCATT TCAATTTCT TTTTTT TCAATTTCT TTTTTT CTTGAGAATG TGGGGAGTTAG TGGGGAGTTT CTTTGCACAG TGTGTGAACA GAAGCTTACA AATATTTTT CCCACAGGTA CCAGTGGTA CCAGTGTAG AGCTTCTCT ATGTCGCAAT TGCAGAAATG GTGCTCCAGA	TGCAATGAAT AGTCTCTAGC TTTTCTGAAT AGGTTTGGAC TCTTTTAATT CATTCTCTTC TTAAAACTTT AGAAGTTCTG CATATTCTAA CTTGGATCTC TGGCATTTCA TGAGATCTT ATTTTTCTGG TGAATTTAT TGACTTTAAT CAGTGGCAAA TGGCTTTCTC GGTTCACTGT TCATTCTCCG ACTGAGTTGA AAAACAGCTG ACAGAAGTTC CACACCAGC GCACTGAGGT CCAGACCAGC GTTCTGGATA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC ACTGACTTCA AAGGCCATCC

371001	<b>AGTGATAGGC</b>	AAAGGGTAGA	AGTCCCCTTC	TCCAGGTCCC	TTCACGAGCA
371051	CTGGGGCTGC	CCAACTGCTG	GGGTAGAATG	ACAGTCTTTC	TACCACTTAG
371101	CCCAGCACTG	CATCTGTGCC	TCTGCTGAAA	GAAACTTCCC	ACAAGCAGAA
371151	<b>AGTTCTAGGA</b>	CTCAAAGGCT	<b>GCACTCTAAT</b>	TAATITIGIC	CCACAGGGTG
371201	CTCCCTTGAT	ATGGTACCCT	TTCCCTTCCC	CTAGGAGTGA	CAGTCCCTTA
371251	GGGCAAGACT	ΑCΤGΤΔΔΔΤΔ	CIGCIGCTIC	TCTAGGTATA	GCCACCCTGT
371301	GGGGGCTGCC	ACAATTCCAGG	CTGCTGCTGG	CCAATGTCTA	CAAGGGATCC
	AGTGATGTGA				
3/1401	ACAACCTATG	IGCACGAATA	IGGCAGCCGC	IACIACAGCI	CAUGUCTAGG
3/1451	GCAAGAGGGA	AGGGACACIA	IGCAGACAAG	GAGIGULI	CAGAGICC
	CCAAATCGCA				
	TGCCTGAGTT				
	<b>AGCACTCCCA</b>				
371651	CCTCTGCCAG	<b>CITCTIGTAA</b>	AATAAAGCAC	ACTITATITI	GTGGCTGTAT
371701	CATAGATTCT	CCCAGTGAAC	<b>TCTGTGATAG</b>	<b>GCTCTAGCAC</b>	TCTCCCCTTA
371751	ACACTCCATT	TGGGCTATGA	TTATTCACCT	ATAACTTTGG	TTCTTCCTTC
371801	TGAGGAGAAT	TEGTCACCCG	TGICTCTTAT	CAGCAAGCTG	GAGAAGTTTT
371851	CTGATGCCAC	AGGCTIETIGGA	CAGGTCTGCA	GGATGTGCAG	TIGGTTIGGG
371001	TCTGCTCTTA	CCTTCAGAGG	CENCTICATION	TECCTTECACE	TGAACTGAAC
271051	TICCICIGGI	CTCCCAAAAC	CAACTICCAAC	CACCACCTICT	CATCACCCTC
371331	TICCICIGGI	CICCONVIG	CANGIGONG	CACCAGCICI	TAAATACCCC
3/2001	GCAGGGGAGC	GACATAGACT	CIGIAAGATT	ICITIGGITI	TAMATAGOOG
3/2051	TAGTGTGGCT	CAGTGAGTGA	GAACTCACIG	AAIAIAGIIC	ICAGAIGCCA
372101	<b>GCTATGGAAG</b>	TAATGIGCIG	GGCACATGAA	CAGTCTCACC	ATTAAGTTTT
372151	TATCTAATGT	GTTTATCCTT	AGGATGAGGC	CAAGGACAAA	GTACAACCAT
372201	CAAAGAATCC	CTTCCAAACC	TATCTTTACC	CATTAGTTAA	CCCCATCTAG
372251	ACAGGATTGT	AATTTCTAAG	<b>TATTCACATG</b>	<b>ATCCCAGGTA</b>	AATCAACATC
	AAAACCAGGA				
	GCATATTTCC				
372401	CTGAAACACT	ATACTICTICAA	ACACTGAGTT	AGTAGGCAG	GCAGTTTTCA
272451	AATCAAGATG	ACACATCTAA	TCTTCAACAC	TOTOGGETTET	AAGTACCCAA
372 <del>7</del> 31	CCTGAGCTAA	ACATCAATAT	TTCACACTTA	TTTCCATACC	ACTICATACTT
3/2301	CLIGAGCIAA	AGAIGAAIAI	CATTOTAL	CACATTATAC	CTAAACACTA
3/255T	AAAAGACATG	AGAGTAAATT	CATICITICA	GAGATIATAG	GIAAAGACIA
372601	AAAACCAGGG	GCCAAGGATA	ATACATCATA	TGICIATGGC	ATATAAGTAT
372651	<b>ATGATCTTAG</b>	GAGAATTAGA	AGCTAGTCCT	AGCACATTAT	CATGTACATG
372701	AAAAGTTGAT	<b>GTAAGAGAAC</b>	CATACTGGTT	TGCAGCACCT	GTATAAATAC
372751	<b>AACCATCCTA</b>	ATTTTCCTAT	TATCACTTCC	TCAAGCCCAT	GATTGCTGCT
372801	TCTGACACTT	TAGAAGCAGT	<b>GTCTGAGCTG</b>	<b>ATCTTAGTAC</b>	CATGACCAGC
	CCCATTAGCA				
	GTGGTGATCA				
	AGGAGAAAAG				
372001	AAAGGTAGAG	CTCTCACTAG	ACCTCCCAGA	CCCATAACCC	TTTCCAACCCT
	GGTTGGGGCA				
3/3101	GAAAAGGCAA	AATTTIACCA	GGITCITIC	ICITIACIGG	AATTIGAATT
3/3T2T	TTGTCCTACT	IGCCIGICII	GAGACITIGA	CIGACATAAA	IAAAICIIAA
373201	GACGAAAAGG	GAACAAAAGA	CTGAAAACAG	CTCAAATATC	TTTTACTIGA
373251	<b>AACTGGGTTA</b>	AATAAACTAT	GCTCCTATAA	AAGGAATGAG	AAATAGCTCT
373301	CTATATAGCC	GGAAGTIGT	TTCTAGCATA	AATTGTTAAG	TGAAAAAGAC
373351	AAAGCAGAGC	CAGACGCCGT	GGCTCACGCC	TGTAATCCCA	ACTCTGGGAG
373401	GCCAAGGCGG	<b>GCAGATCATT</b>	TGAACCCAGG	<b>AGTICTIGAGAA</b>	AGTTGAGAAA
	CAGAAAGTTC				
	CTGCCAGCAT				
	CCATTCATT	<b>COGTECT TET</b>	AGTCCCAGCT		CTGAAGTGGG
				ATTTGGGAGG	
373601	AGGACGGCTT	GAGCCCAAGA	GATCAAGGCT	ATTTTGGGAGG GCAGTGAGCC	AGCATCACAC
373601 373651	AGGACGGCTT CACCTCACCA	GAGCCCAAGA GCTGAGCACG	GATCAAGGCT	ATTTTGGGAGG GCAGTGAGCC AAAAGCAAAA	AGCATCACAC CAAAACAAAA
373601 373651 373701	AGGACGGCTT CACCTCACCA AAAAGATAAA	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC	ATTTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA	AGCATCACAC CAAAACAAAA TTTTTTCGGGA
373601 373651 373701 373751	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT	AGCATCACAC CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA
373601 373651 373701 373751 373801	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT	AGCATCACAC CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA TTGCAGCCCT
373601 373651 373701 373751 373801 373851	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA	ATTTGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA	AGCATCACAC CAAAACAAAA TTTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA
373601 373651 373701 373751 373801 373851 373901	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAGC	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC	ATTTGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT
373601 373651 373701 373751 373801 373851 373901 373951	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTIGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA	ATTTGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC
373601 373651 373701 373751 373801 373851 373901 373951 374001	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC
373601 373651 373701 373751 373801 373851 373901 373951 374001	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC
373601 373651 373701 373751 373801 373851 373901 373951 374001 374051	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTIGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TIGTTCAAAAA TTAATACAAG CAGAGGGATG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373901 374001 374051 374101	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGACAG TGTTCAAAAA ATTAATACAAG CAGAGGGATG TATAATTCTG	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATACAGGAGG AATACAGGAAT ATACAGGAAT ATACAGGAAT	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373951 374001 374051 374101 374151	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAAA TAATACTTTTTTTTTT	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA ATTTCTTGAAC ATGAGATATA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGGAAT ATAAAGTTATA GTAACTAAAT	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373951 374001 374051 374101 374151 374201	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGAGG TATAATTCTG TCCCTTAGAT TGATCCCAAT	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATGAGATATA TCAAACCAAC	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGGAAT ATAAATTTTA GTAACTAAAT CATCTGTGAA	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGTC ATATACTGAC	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373951 374001 374051 374101 374201 374251	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAGA CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAAT GAACACTAAC	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGAATAAC AAAGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG	ATTTIGGAGG GCAGTIGAGCC AAAAGCAAAA TATIGCTAACA TTATCAATAT TAGCATCATT GTIGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATIGTIGC ATATACTIGAC GAAATIGTAGC	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAMA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 374901 374001 374151 374201 374251 374301	AGGACGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TCCCTTAGAT TGATCCAAT GAACACTAAC GTGGCATAAA	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA AGTGTTACAG	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGTATA ATAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAAAGA GTAATGTGTG ATATACTGAC GAAATGTAGC GAAATGACT GAAATGTAGC GAAATGACT GAAATGTAGC GAAATACACT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373901 374001 374101 374101 374201 374201 374301 374351	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAAT GAACACTAAC GTGGCCATAAA TTGGGTTAAAT	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATGAGATATA TCAAACCAAC TAAATACTGA AGTGTTACAG ATTGTGATTC	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAAGGAAT ATAAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC	ATTTGGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAGA GTAATGTGTC ATATACTGAC GAAATGTGAC GAAATGTACC GAAATGTACC GAAATGTACC GAAATACACT TTCAAAAAAT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373901 374051 374101 374151 374201 374251 374301 374351 374401	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAAT GAACACTAAC GTGGCATAAA TTGGGCATAAAT GTTGGAGATA	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATTGAGATATA TCAAACCAAC TAAATACTAA AGTGTTACAG ATTGTGATTC GGATTACAGT	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC GTAGATGCAA	ATTTGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGC ATATACTGAC GAAATGTAGC TTCAAAAAAT CAAAATTGGT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA
373601 373651 373701 373751 373801 373851 373901 374051 374101 374151 374201 374251 374301 374351 374401	AGGACGGCTT CACCTCACCA AAAAGATAAA AGGTGGCAGG ATGAATGAAG TCATGAATCA AGAAGAGCAG TGTTCAAAAA TTAATACAAG CAGAGGGATG TATAATTCTG TCCCTTAGAT TGATCCCAAT GAACACTAAC GTGGCCATAAA TTGGGTTAAAT	GAGCCCAAGA GCTGAGCACG GCAGAGAAAA AGAGGTGGGA AAGGACCTGG CCATACATTA AAAAAAAAAT TTAATAAGAA CAGGAAGCAA TTTCTTGAAC ATTGAGATATA TCAAACCAAC TAAATACTAA AGTGTTACAG ATTGTGATTC GGATTACAGT	GATCAAGGCT ATCTTGTCTC GCGTGAATAC AAGCGTCCCT AGAAATAGGA ACAATCATAA TGTGCATCTC CAAACCTGAA ATACAGGAGG AATAAGGAAT ATAAATTTTA GTAACTAAAT CATCTGTGAA TAATGTTAAG TATATCTTTA TGAGATTTGC GTAGATGCAA	ATTTGGAGG GCAGTGAGCC AAAAGCAAAA TATGCTAACA TTATCAATAT TAGCATCATT GTGGCTACTA AGCAATACCT ACTCCCCAAG CAGGAGATGT ATGGGAGACT AGGGAAAAGA GTAATGTGC ATATACTGAC GAAATGTAGC TTCAAAAAAT CAAAATTGGT	AGCATCACAC CAAAACAAAA TTTTTCGGGA ATCCCAGCTA TTGCAGCCCT ACACATGAAA ATGAAGTACT CCTCTAGATC TAAATAACAC GGATAGGATA

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374501	CTGTACTGTT	<b>GTATGIGITT</b>	GAATTTTCTA	TCGTTAAAAA	ATATTAAGAA
374551	GAAAACAAAT	<b>AGCATTATCT</b>	TTTCCCTAAG	TGTTCACAAT	CTCCTCTGTC
27/601	TOTO	CCTATTTTCT	AAGGAGAAAG	AATTGAGCAA	GITTACAAAG
374651	TOCCOTTOCAGE	CIGIIGIGAA	ACATACTICA	AATCATTTT	TACCTACTCA
3/403L	1000010040	ATTAACTEAA	ACTICITAC	CCTTCAAATC	CTCTCTACCT
3/4/01	GAATTATAGC	ATGAAGTCAA	AGTICICIAG	GCTTGVATG	CIGIGIACCI
374751	CATTCTTCCCC	CTCCAACACA	TATTICCAGT	TATACGCACA	ATTTAATTG
374801	ACTGTAGGGA	CTATCTTCAA	ATAACATTTC	CATAAACTTC	CAAACTGAAC
374851	CCCCCAGAT	TGGAGTTTTG	TAATCTATTA	<b>GCCATTCATG</b>	ACCCCTCCCCC
		AAAAGTTGTT			
374901	ACACTOCIC	CTCCCAAT	ACATTTAACA	CAAACATACC	ATTITUTANC
3/4951	AGACITOTT	CTTTGCCAAT	AGATTIAACA	COVAGAIAGE	ATTICIANC
375001	TTTGACCATA	ATCCATACTG	GAAICAICAI	ICAMAIAA	IGGCCIAATT
375051	GTTCCTACAA	<b>ATTTCATAAT</b>	CATTITCAAA	GAAGITGATT	GGTGGCCCTT
375101	GAGGCTTTTC	AACTTTATCC	TATTTTGGAT	GATATCTGTG	GCCTAGAAAT
375151	CAGLIGIATA	GCCCAAAATG	TTACCTAGAC	TACTAATGAA	CAGCAAGGTC
375201	TAACGAAATG	GCAACTAGAG	CCCCCCCCTC	GTGGCTCATG	CTGTGATCC
373201	CACCACTTTC	GGGGGCCGAG	CCTCTCACAT	CACAACCTICA	CCACATCCAC
3/3/2T	CAGCACTTIG	COCCOCCO	GCIGICAGAI	CACANGGICA	TACAAAAAT
3/5301	ACCATCCTGG	CTAACGGTGA	AAGCCIGICI	CIACIA	IACAMMAI
375351	TAGCCAGATG	TGGTGGCGGG	CCCCTGTAGT	CCCAGCTACT	CCAGAGGCTG
375401	AGGCAGGAGA	<b>ATGGTGTGAA</b>	CCCCAGAGGC	GGAGCTTGCA	GTGAGCCGAG
		TGCACTCCAG			
375501	AAAAAAAAG	AAAAGAAAAA	AGAAAATTCCC	AACTAGAAAC	AAGCAGCCCC
373301	ATTICACCAC	GCTGAACACC	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	ACCATICACC	ACTICACCACC
		TGGCACCTTT			
		AGAAGAGAGG			
375701	<b>ATACATAGAA</b>	<b>AAGGATAGAG</b>	GGCAGTTTTT	<b>ACATOCTCTC</b>	TCTCATTTCC
375751	TCCACCAACC	AACAATCGGC	CTGACTCAGA	TTACCTATCC	AGCCCTCCTA
375801	ACCATICTICA	CTTCCTCCCC	CTAGAAAACT	ACAGAGITICO	TCTGTTGTCA
275051	CACTICTICA	ACACACACAC	ACATCCATCC		ATACACACAC
3/303T	CAGIGIGAAA	ACACACACAC	ACATGCATGC	CAACTICACT	AATTCACTTT
3/590T	ACACACACAC	ACACTTGATT	IGGIGCAIAG	GAAGIGACCI	AATTCAGTTT
375951	GTCCTCATCA	TAGTGACAAC	TAGACTGAGC	CAATCAGAGA	CTTTCTGTAG
376001	<b>GGTTTTGATT</b>	<b>ACTGGAATTG</b>	AGAAAATGAG	GGCTTTCTGG	TGGGTGAAGC
376051	TGTGAGATGT	AAAACACAGC	AACTGTTCCT	<b>GGTCATGTGA</b>	AGCCAAAGTA
376101	CCCACACAAC	CAGAGACAAA	AACTCTCTTC	ATTOCAGACTEG	AATCCCGATG
370101	CCATTCCCACC	CCCTGCTTCC	ACCTICATION	CTCACCCCCA	CCCACACTCC
3/6201	THICHHAAG	TTCAGTTCGA	CCAAIAAIA	ICATIACAAT	AMITULIA
376251	TTTTGGATTC	AAATTGGCTT	TCCATCCCTA	GCAGTTCAGC	CCTAATATAC
376301	<b>AGCAGATGTC</b>	<b>ACAACTGATT</b>	TCACATATTT	GGAGAAATAG	GAGTAGCTGA
376351	GACAGAATTT	<b>AGTCTACCTT</b>	<b>GCTCAGAGAC</b>	ATTCACAGAT	AGTGTGAAAA
376401	CACTCATGA	GTCCCCTTTG	CTTAMAGITA	CCTGGTCAT	GITTATTACA
		GTACATAGCC			
		CAAATCAAGA			
376551	AATAATTCTG	AAGTTAACCC	AAAACTTAAT	GTAATCTTCC	ATTGGAACAT
376601	TIGITGATGT	GTGTGGGGG	TTTAAATTCC	<b>ACAAATATTA</b>	TTAAAATGAG
376651	CAATCAGCAG	CAACATCTTT			11/444/10/20
376701		CAAGAIGIII	IAAAAIAIII	<b>TGTTTCCGCA</b>	TGTAAAATCT
276751	COLLITATIA	CAGAATTATT	TIGTTAAAGG	TGTTTCCGCA	TGTAAAATCT
	<b>CGTTTTATTA</b>	CAGAATTATT	TTGTTAAAGG	TGTTTCCGCA CACAGCTATG	TGTAAAATCT
370031	CCCAGAGTGA	CAGAATTATT TAGGATCATA	TTGTTAAAGG ACAGCCCAGT	TGTTTCCGCA CACAGCTATG TAATTTTAAA	TGTAAAATCT CCAGGTTGCT AGACTCACAA
376801	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC	CAGAATTATT TAGGATCATA TTGGAACTAC	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA	TGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA
376801 376851	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA	ACAGCCCAGT TGATGGCAAC CATCTTGTGA	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT
376801 376851 376901	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT	ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT	TIGTAAAATCT CCAGGTTIGCT AGACTICACAA CATTTTAGTA ATCTIGCCAAT GCACGCATGC
376801 376851 376901 376951	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGTGT ATGTAGATAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT
376801 376851 376901 376951	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGTGT ATGTAGATAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT
376801 376851 376901 376951 377001	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT
376801 376851 376901 376951 377001 377051	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA
376801 376851 376901 376951 377001 377051 377101	CGTTTTATTA GCCAGAGTGA GTGGTAGGCCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA
376801 376851 376901 376951 377001 377051 377101 377151	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTAC TGCTTGCTAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATTGTGT GTTTCATTTC CAAGGTGTAG	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA
376801 376851 376901 376951 377001 377051 377101 377151 377201	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTACT AACTGGTACT AACTGGTACA	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATTGTTC GTTTCATTTC CAAGGTGTAG TACAGCCTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AMATTGGACA TAGATCTCCA GTTTCAATTA
376801 376851 376901 376951 377001 377051 377101 377151 377201 377251	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTGC TGCTTGCTAC TGCTTGCAAAAAG TCTCCTCTTT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT GTTTCATTTAC CAAGGTGTAG TACAGCCTAA ACAACATTAT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTAAAA AGAGGAAATT AGGGTGCTTT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTTGGCACTT CTTTGGCACTT CTTTGGCACTT CATGTGTATGC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT
376801 376851 376901 376951 377001 377051 377101 377151 377201 377251	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTGC TGCTTGCTAC TGCTTGCAAAAAG TCTCCTCTTT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT GTTTCATTTAC CAAGGTGTAG TACAGCCTAA ACAACATTAT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTAAAA AGAGGAAATT AGGGTGCTTT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTTGGCACTT CTTTGGCACTT CTTTGGCACTT CATGTGTATGC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT
376801 376851 376901 376951 377001 377101 377151 377201 377251 377301	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTGC TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGAT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTAG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CTTGGCACTT CATGTGTATG AAAATAGTTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC
376801 376851 376901 376951 377001 377101 377151 377201 377251 377301 377351	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT CCAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TGTGTCCAGT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTAAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA
376801 376851 376901 377001 377051 377101 377201 377251 377301 377351 377401	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTTAC AATGAAAAAG TCTCCTCTTAC AATGAAAAAG TCTCCTCTTCT CATAGTAGAG ATAATCCCCT GTTACAAATG	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAGA TACAGCCTAAA ACAACATTATA AGTACATTGA TGTGCCAGT TCTGCTGGTC	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGAGGAAATT AGAGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT	TGTTTCCGCA CACAGCTATG TAATTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT
376801 376851 376901 377001 377051 377101 377151 377201 377251 377301 377351 377401 377451	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTC CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTATA AGTACATTGA TGTGCCAGT TCTGCTGGTC AATCTGAAGA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGAGGGAAATT AGAGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA
376801 376851 376901 377001 377051 377101 377151 377251 377251 377301 377351 377401 377451 377501	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAA TCTCCTCTTCT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAG GTTGGA	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTATA AGTACATTGA TGTGCTGGTC AATCTGAAGA ACAGTCCTAA ACAGTCCTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGAGGGAAATT AGAGGGAAATT AGAGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAA	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTG GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAAT GATACATAAATG ATGTACATAC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCAGGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGGTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC
376801 376851 376901 377001 377051 377101 377151 377201 377251 377301 377401 377451 377501 377551	CGTTTTATTA GCCAGAGTGA GTGGTAGGCCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGAGT GATGGTTGAGT TCAACTTTAG	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TGTGTCCAGT TCTGCTGAGGA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAA TTTAAAAACT	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT CAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG AGTTAAAATA AGTTAAAATAA	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT
376801 376851 376901 377001 377051 377101 377151 377201 377251 377301 377401 377451 377501 377501 377601	CGTTTTATTA GCCAGAGTGA GTGGTAGGCCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAGA AAAAATTCAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TGTGTCCAGT TCTGCTGGTC AATCTGAAGA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AATTTACTAAA ATTTAAAAACCT TCAAGTATAC TCAAGTATAC	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG AGTTAAAATG ATGTACATAC AGATGAATAA CAACTGCTGC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA
376801 376851 376901 377001 377051 377101 377151 377201 377251 377301 377401 377451 377501 377501 377601	CGTTTTATTA GCCAGAGTGA GTGGTAGGCCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAGA AAAAATTCAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATTT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TGTGTCCAGT TCTGCTGGTC AATCTGAAGA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AATTTACTAAA ATTTAAAAACCT TCAAGTATAC TCAAGTATAC	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG AGTTAAAATG ATGTACATAC AGATGAATAA CAACTGCTGC	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA
376801 376851 376901 377001 377051 377101 377151 377201 377251 377301 377401 377451 377501 377601 377651	CGTTTTATTA GCCAGAGTGA GTGGTAGGCCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAG AAAATTCAC CCAAAACAAC	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TGTGCTGGTC AATCTGAAGA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA ACAGTCCTAA CATTATTCT CATTATCAAGT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATA CAGTTAGTTG CTTGTCTAAA AGAGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAAA ATTTAAAAACT TCAAGTATAC GATAATTTAA	TGTTTCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTTGAAAAAA GATGAATAAATAG AGTTAAAATAG ATGTACATAC AGATGAATAA CAACTGCTGC TTACACCTTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TIGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT
376801 376851 376901 376951 377001 377051 377101 377201 377251 377301 377351 377401 377551 377601 377651 377601	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT TAACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAG TCAACTTTAG AAAAATTTAG CCCAAAACAAC TTTAAAAACAT	CAGAATTATT TAGGATCATA TTGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATTGTGT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TCTGCTGGTC AATCTGAAGA ACAGTCCTAA GTCTTCAAGT CATTAATTCT CTTATCAAGT GATTTATTCA	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATTA ACAGGGAAATT AGGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAA TTAAAAACT TCAAGTTAATTAA TGAAAAACAA	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG ATGTACATCA AGATGAATAC ACACTGCTGC TTACACCTTT GTAGTTTCAT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT GCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATTA TAAATGAAAT CCACCCTTCT
376801 376851 376901 377051 377051 377101 377251 377201 377251 377351 377401 377551 377601 377651 377751	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTAACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAG AAAAATTCAC CCAAAACAAC TTTTAAAAACAT TTTTCTACAA	CAGAATTATT TAGGATCATA TTAGGATCATA TTAGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATTGTT GTTTCATTTC CAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGAT TCTGCTGGTC AATCTGAAGA ACAGTCCTAA GTCTTCAGAT CATTAATTCT CTTATCAAGT CATTATTCAAGT CATTTATTCAAGT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATT ACAAAAGATT ACGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAA TTAAAAAACT TCAAGTATTAA TTAAAAAACAA ATCTGTGGCC	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTTGT GAAGAGAGTT CTACTGGCTC TCTTGAATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG ATGTACATAC AGATGATAC TGCACTTT GTAGTTTCAT TGCTATTTAT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT CCACCCTTCT TACAGCCTTT
376801 376851 376901 377051 377051 377101 377151 377201 377251 377301 377451 377501 377651 377651 377651 377751 377751	CGTTTTATTA GCCAGAGTGA GTGGTAGGCC TAATGCTTAA GTGTGTGTGT ATGTAGATAC AGGACAGACT CAGTGTACT AACTGGTCTG TGCTTGCTAC AATGAAAAAG TCTCCTCTTT CATAGTAGAG ATAATCCCCT GTTACAAATG GATGGTTGGA GTATATGAGT TCAACTTTAG AAAAATTCAC CCAAAACACT TTTAAAAACACT TTTTAACAAA CTCATAATTT	CAGAATTATT TAGGATCATA TTAGGATCATA TTAGGAACTAC ACTTACACCA GTGTGTGTGT ACATATATT TGTGAAGTAA TAAAATTGTT CCAAGGTGTAG TACAGCCTAA ACAACATTAT AGTACATTGA TCTGCTGGTC AATCTGAAGA ACAGTCCTAA GTCTTCAGAT CATTAATTCT CTTATCAAGT CATTATTCAGT GATTTATTCAGT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAGA TTAGTGTAGAGA TTAGTGTAGAGAT TTAGTGTAGAGAT TTAGTGTAGAGAT TTAGTGTAGAGAT TTAGTGTAGAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAT TTAGTGTAGAC TTAGTGTAGAGAT TTAGTAGTAGAGAT TTAGTAGTAGAGAT TTAGTGTAGAGAT TTAGTAGTAGAGAT TTAGTAGTAGAGAT TTAGTAGTAGAGAT TTAGTAGTAGAGAT TTAGTAGTAGAGAT	TTGTTAAAGG ACAGCCCAGT TGATGGCAAC CATCTTGTGA GTGTGTGTGT ATTTCAAAGA TTAAGAATTT ACAAAAGATT ACAAAAGATT ACGGTGCTTT CTAAGATTGC TGACTCACAT TCTTTCCAAT AAGTTCACTT AATTTACTAA TTAAAAACT TCAAGTATAC GATAAATTTAC GATAATTTAC GATAATTTAC GATAATTTAC CGTTAACAAGC CTTAACAAGC	TGTTTCCGCA CACAGCTATG TAATTTTAAA ATGTACATCA ATTTATATGC GTGTGTCTGT GAAGAGAGTT CTACTGGCACTT CTTTGGATAC CCAGCATGCT GTTTAGTGAT CTTGGCACTT CATGTGTATG AAAATAGTTT CTCTGAAAAA GATACTTTGT AGTTAAAATG ATGTACATCAC AGATGAATAA CAACTGCTGT TTACACCTTT GTAGTTTCAT TGCTATTTAT ATATAGTTTT	TIGTAAAATCT CCAGGTTGCT AGACTCACAA CATTTTAGTA ATCTGCCAAT GCACGCATGC GGTGGGAAGT TCACATTCTT ACTGTGTCAA AAAATGGAGA TAGATCTCCA GTTTCAATTA TATTATCATT CCATTGTATC TTTCTGCTCA TTGTTTGTTT GTGATGTAAA TCAAATTTAC TCTATCCTTT ATTTCTAATA TAAATGAAAT TCAACCCTTCT TACAGCCTTT AAATCTTTCT
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380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTCT 381001 GCCCCCAAAG CTCTGTGGGAA TAATCAATTT TATAAATTTT TAAAAAACAA 381051 AAACTATTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381151 AAATACAATT TTAAAAAGGA AAAACTAGGC TTCACCATGC AAGTTTATAA
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTCT 381001 GCCCCCCAAG CTCTGTGGGAA TAATCAATTT TAAAAAACAA 381051 AAACTATTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAAATCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGGAA TAATCAATTT TATAAAATTTT TAAAAAACAA 381051 AAACTATTTT GAAGGCTGAA GCAAGAGGGT TGCTCCTAAA ACAAATAAGT 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACAACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAAGGCCGG GCATGGTGGC TCACGCCTAT AGTCCCCAACA
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATTCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGGAA TAATCAATTT TATAAATTTT TAAAAAACAA 381051 AAACTATTTTG GAAGGCTGAA GCAAGAGGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACAACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAGGCCGG GCATGGTGGC TCACGCCTAT AGTCCCCACA 381301 CTTGGGAGGC CAGCTGGGGA GGACCACTTG AGGCCAGGAG TTAGAGACCA
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATTCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGAA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381051 AAACTATTTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAAGCCGG GCATGGTGGC TCACGCCTAT AGTCCCCAACA 381301 CTTGGGACAA CATGGTAAGA CTTCATCTCT ATAAAACATA AAAAAGCCAG 381351 GCCTGGACAA CATGGTAAGA CTTCATCTCT ATAAAACATA AAAAAGCCAG
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGAA TAATCAATTT TATAAAATTTT TAAAAAACAA 381051 AAACTATTTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAAAAGGG AAAACTAGGGC TTCACCATGC AAGTTTATAA 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAGGCCGG GCATGGTGGC TCACGCCTAT AGTCCCAACA 381301 CTTGGGAGGC CAGCTGGGGA GGACCACTTG AGGCCAGGAG TTAGAGACCA 381351 GCCTGGACAA CATGGTAAGA CTTCATCTCT ATAAAAACATA AAAAAGCCAG 381401 GCGTGGTGGC ATACACCTGT AGTCTTAGCT ACTTGGGAGG CTGAGGCTGG
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATTCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGAA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381051 AAACTATTTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAAGCCGG GCATGGTGGC TCACGCCTAT AGTCCCCAACA 381301 CTTGGGACAA CATGGTAAGA CTTCATCTCT ATAAAACATA AAAAAGCCAG 381351 GCCTGGACAA CATGGTAAGA CTTCATCTCT ATAAAACATA AAAAAGCCAG
380601 GTGAGGTCAC CTCTAGGAAT GCCTCCTCAA TGGAAACATT TGCACTGAAC 380651 CTTGAAGATT AGGTAGATGA GCCAGTGCTT TTGCACACCT TGTTCCATGA 380701 AAGCAAGACT GTTTTTTTAC TGTTGTATTC CCCAGTGTCT GCTTCCTTGT 380751 AGGTGATCAA TAAAGATTTC TTGAATAAAT GAAAGAATAA GGGGCTCCCA 380801 ACATCTGTTT GCTCTCTTAT CCCTCTCCTT CCCTACCCAG TGGTTCCTGT 380851 TCTCTCCATT CCCTTACCAA CTGGTATGTT ATTTTTAAAA CTAAAAATAC 380901 TCTGTTTAT CATATTATTA TTCAATTAAA GTTAGAAACA TTTAAAATCC 380951 CCATAGATGC AAATGCTAGA ACAATGAAAT AAAAGCTCAA GATTTTTTCT 381001 GCCCCCAAGG CTCTGTGGAA TAATCAATTT TATAAAATTTT TAAAAAACAA 381051 AAACTATTTTG GAAGGCTGAA GCAAGAGGAT TGCTCCAGCC CAGGAGTTCA 381101 AGACCAGCCT GGGCAACATT GCAAGACCCC GTCTCCTAAA ACAAATAAGT 381101 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAAAAGGG AAAACTAGGGC TTCACCATGC AAGTTTATAA 381201 TGAAAGGTTA TACACTGAAT ATATACTTTA GCTATATATT TCAAAGACCT 381251 CAAGATAACG TTAAGGCCGG GCATGGTGGC TCACGCCTAT AGTCCCAACA 381301 CTTGGGAGGC CAGCTGGGGA GGACCACTTG AGGCCAGGAG TTAGAGACCA 381351 GCCTGGACAA CATGGTAAGA CTTCATCTCT ATAAAAACATA AAAAAGCCAG 381401 GCGTGGTGGC ATACACCTGT AGTCTTAGCT ACTTGGGAGG CTGAGGCTGG

				110,10.	
381501	TACTTCATTC	CAGCCTAGGT	GACAGAGAGC	AACCCTGTCT	TCAACAAAAA
381551	CAAACAAACA	AAAACAACTT	TGAATCAGCA	AAATTAAGCA	ACCAAGTGTG
381601	TICCOTICT	CTAATGTCAT	TAAGCTTTGA	वादावादाम	ACAGAAATTT
381651	TTATTTICTT	<b>ATGTATGGCA</b>	TCCTAGATTG	TATGACTITA	ACATAATCCC
391701	ACATOCATTA	ATTATCATGA	ACCITATITE	CCACACGATT	CAAGGGAATT
201751	TACCCCCAACA	GCAAAAGTTA	CCTAATTICT	TANATOTICAA	ATCTICTIC
2010VJ	TCAAATACTA	CTCTACTCAC	CCTTAAATC	CTITICACIG	AACTICICATE
		GIGCTGCTTG			
38120T	ATTTACICC	CTGAGCTGCT	TICTIGGCAG	TTTGGGGCAC	CCCTTGCTGT
381721	HGIGCCIGI	GACAGTCTGA	CHICAICIG	CIGCICIGA	GCCAGGAGCC
		CCTTCAGTCA			
		CTCAATGGGC			
		AATCTCCCAG			
		AAACAGCAGG			
		GAGGAAGGAG			
		GGTGAGCAGA			
		CCACAATCAT			
382351	GTCACAGGTG	TTCCAGACAG	AAGATGCTTT	TAACAAAACC	ACTITICITICA
		<b>GACTITITIGA</b>			
382451	CTTTAAAGCT	<b>ATTTAGTACC</b>	CTTCAAATAC	<b>AAAGAAGCTG</b>	AGAAGCACAT
		GTGGAAGGCG			
382551	CAGCCAGGCT	GCCGTGACCG	AGCGCAGAGA	CAGCATCTCT	GCCAATACGT
382601	GGATTCAGTG	<b>TGCAGCTGCA</b>	GAAAAAGGAC	GTGAGGGGTG	TCTCCCTCCT
		CGCGTCTGAT			
		AATTGCTGCA			
		GGATGCAGTT			
		TGGTTAAACT			
		CTGACACATT			
		CCCTGTGCCT			
		ATTAGGTAGT			
		TCTTTGAGGA			
		AAGGTCAAGT			
		TTCCCCTACT			
		TGTGTGCCAC			
		TTTACAGCCA			
		AATGGAAGCA			
38330T	CIGICAACGC	ACCAGAAAAG	CCCCTAGTAC	TACIGIGAAA	CIGAAAAGAA
		GTTAAAGCAC			
		сппсспс			
		TTACTTTTTA			
		CATGTTGGTT			
		AGCCACCTGT			
		AGGCAATGTA			
		TTCTTATTCT			
383701	TCTTTTGCCCC	TTTTGCATTT	AAAAGTGAGG	TAATTAGATT	TCCCAAGGTT
383751	CAATGGTCAA	GAGCCTTCTC	ATCCCGCGGA	GTTGCTTCCC	CACACTGCTC
		CTGTCTCGCG			
383851	AAGGAACTGC	TTTTTCAGAG	<b>AGCTAGCATA</b>	<b>GCATGAAACT</b>	TTATACTCAC
		<b>GCTTTCATTG</b>			
383951	ATTITATICA	<b>GIGICIGIGA</b>	<b>GGATTTCTAA</b>	<b>ACATTTTIGT</b>	TAAAAATCTT
384001	TTCCTACGTC	CTAGGAATTC	<b>ATTTCAAATA</b>	TGCCTAAATC	CTTCACATTG
		commend			
384101	GATCTATTAT	TACTGCTGAA	CAAATGGAAA	GAAAATTTGT	GACATGTTGG
384151	CACCAAATAA	<b>ATTAGTGTCA</b>	TAGCCACTGA	AACAAAGGCA	TGTCTTCGTC
384201	TAGCTCTGAC	AGTGAGATCT	TGGGCCCACT	CTGCTATTTT	TTTGTCTTAT
		TCACAAACAG			
		ATTCTAAAGC			
		GGCTTCACTC			
		ACTGCAACCT			
		CAAGTAGCTG			
		TATTTTTAGT			
		TCCATTITIT			
		CTGGCCAAAA			
		TGGTAGTTGG			
		GGAAGAGGAC			
		TTTGCCAAAG			
3846V1 TC /40C	CTCTCTAAAT	GGGTTAGTTT	WACE INVIOUS	ACACTACTACAC	ATTCAAACTT
		CTATACATCT			
3840E4	ACCAMITOR	CTGAATTCCC	ACACACACAC	TCTTCA-C	TTCCCACCC
つのイスン丁	ACTITIGCT	HIGHHI	MANAGE MA	ICI IGCAGIG	IIGULAGU

## FIGURE 3FFFFF

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385001 TGGCCTTGAA CTCCTGGGTT CAGATGATCC TCCCATCTCA GCCTCCTAAG
385051 TAGCATGACT ACAGGCCCAC ACCACTACAC CCAGCTCCAT CTGCATTTTG
385101 AATGTGATGC CAGCAGAGTG ATGAGCTTTG TGGTGGTCCC TGGGTTCAGT
385151 GTAGATACAC ACACACACA AAACACACAA ACACACACAT ACTTATCTCA
385201 TTAGGTTTTC CTATAAACTT TATAGCTAGT AATGAGAAAG GTCCTAGTTT
385251 AAATTGAAGG GTTTTTTCCC TCAGTTTCTG TAGTATTCAT TCCTAAATAG
385301 AGAGATATGT TGACAGATTT ATCTGAAAAG ACCTCATTTT TCCAAAGCTT
385351 AACACAGAAA GGAAAATCCC GTAATCTTAG GTTAGTTTCA TCAAGTGAGA
385401 CAATAAATCG CCATTTGCAT AATTTTCTTT TTTTAGCAAA GATTCCATTC
385451 TAATTICTICCA AAATAATATA CAGTCATIGCA CCACATAATA ACATTTCAGT
385501 CAACAATGGA CCAGATACAT AATGGTGGTC CCATAAGATT ACAATATTAT
385551 ATTITIGCTG TACCTITICT ATGITTAGAT ACACAAATAC TTACATTGTG
385601 TTACAGTTGC CTGCCTACAG TATTCAGTAA CATGCTGTAC AGGTGTGTAG 385651 TGTAGGAGCA ATAGAATAGA CCCTATAGCC TAGTGTGGAA TGGGCTATTA
385701 CCATCTAGAT TIGIGITAAGG ACAGTCTGTC TACACAACAG TGAAAGCACC
385751 TAACAATGCA CTTCTCAGAA CATATCCCTG TTGTTGAGCA ACACATGACT
385801 GTATGTTACT GCACTGTTTG TAAATTTTCT GAAGTTGTGC TCCATTCCAG
385851 TGCAGTTTTT TTCTATGACA ATACAACAAA GAAGCTCCTG TTCCTGTGGG
385901 ATACATTTTG ATACCGAAGA AAGCATCTCT CAAAAATAAC AAAAGCATAG
385951 CIGTATTICIT GCTAGAATTT CTAATTTATG TTAGAAATTA GTTCTACAGA
386001 AAGAACTAAA TGCAGAGTAG TGCTCCAAAC TGAAAACATA GCTTGAGATG
386051 AACATACATC ACAGTATTAA ACAATTTTAG TTATTTACTT TCTCTTCATT
386101 CTAAGAACTT AAGAAGACCT GACAACATCT GGATCAGGGG TTCCCACCAC
386151 CCCCAGGCCA TGCACCGGTA CTGGTCCGTA GCATGTCAGG AACCAGGCCA
386201 CACGGTAGGA GGTGAGCAGT GGGCAAGTGA GCATTACCAC CTGAGCTCCA
386251 CCTCCTGTCA GATCAGCGGT GGCATTAGAT TCTCATAGGT GTGGGAACCC
386301 TATTGTGAAC TGTGCATGTG AGGGATCCAG GTTGTGCGCT CCTTATGAGA
386351 GTCTAATGCC TGATGATCTG AGATGGAACG GATTCATCCT GAAACCACCC
386401 GCACTCCTCC GCCCCCTGTC CATGGAAAGA TTGTCTTCCA CGAAACCAGT
386451 CCCTGGTGCT AAAAAGGTTG GGGACTGCTT ATCTAGATCA TATGAAACAT
386501 AAGTAACTAA AAATACTATA GATTGGCCAA ATCTGGGGAA GATGAACATA
386551 GCATGCATCT TTTTGAAAAG GTAGTTGTAG TTAAGTAACT ATTCAGTTCA 386601 GCAAACATAC CTTGACTATT TACATAGCCA GAGCACAAGT AAGTGCTTTG
386651 GCTGCTACCA CTGTTGCTGC CCTTTGACCC ATTAAACACA CTGGCCTCCC
386701 TTCCGTCTCT CATGTCCTCT CCCCATCTTC TCAGAAACAC AAGGAATATG
386751 TCTATATGTC TATTCCTTGT GTTTCTGTCC TCCACCCGCT TCCTTTTTCT
386801 ATTTTGGAAT GGGGAGAGCA AAAGTAAAAA GCTATGCTAA TAAGCAAGAG
386851 CCATAATGTG CCCTGATTGA GTTGTTTGGT ATCTCCCAAA GTATGTGCCA
386901 AAGATCACCA TTAAACCATT TATAGATATT CTGCCAGAAA TAGGAGGGGA
386951 AGAGTTCTAT GGGAAACAAC AAGTGTCGTA GTCCATTCTG GCTGCTATAA
387001 CCAAATAACT TAGACTGGGC AATTTTTAAA TAATACAAAT TTATTGCTCA
387051 CACTTCTGAA AACTGGGAAG TCCAGGATCA AGGTGCCAAC AGATTTGGTG
387101 TCTGGTGAGG GCCTATTCCT CATAGACATA CCTTCTAGCT GTGTCCTCAC 387151 ATGGTGGAAG GGGCCAACCA GCTCCATCAG GCTTCTTTTA TAGGGGTACT
387201 AATTICTIGTCA GTGAGTACAG AACGCTCACA ACCTAATCAC CTCCCAAAGA
387251 CCTCACTTCT TAATACTAGT AGCATTGGAG ATTAAGTTTC AACATATACA
387301 TTTTGGAGAA AAACATTCAG ACCATTGCAC TGGGTTAAAG AAAATCAAAC
387351 TGACCATCAT TAGTAGCCTT TGTAAAACCT TTAAAATTCT ATTGTGCACC
387401 ATGGGGAACA GAATATATAC AGGTTGAGTA TCACTAATCT GAAATCCACA
387451 GTGCTCCAAA ATTCAAAACT TTTGAGTACC AACATAACAC ACAAAGGAAA
387501 TICCTCATTIGG AGCATTTTGG ATTTCAAATT TTCAGATTAC AAATGTTCAA
387551 CCAGTAAGTA GAATGCAGAT ATTCCAAAAT CTGTAACATG TCTGGTCCCC
387601 AGCATTICAG ATAAGGAATA CTCAGCCTGT ATAGTGTTGC CCAAAACTTA
387651 TITIGACCATG GAATACTICT CCTGAACACA CTGATTICTT AACGGAAATG
387701 CTGGGGTGGA CCATGAGAAG AGCAGGAGAG CTGCACTTTT CTTGGGAGAT
387751 ATTATATCAT ATCTTGGAAC TCATACCACA GTAAGTGGCT CCCAGAGCAA 387801 ATAGAAACCA GCCATCATGG ACATCCTAAG AATACATCTG TTTCCAAATC
387851 TACCTITITA TITOGOGGTAG GAGAAAAGAA CCAATAATCC AGTCAATGCT
387901 TITIGCTTTTIG GAATTTICTAC TAAGAAGCCT TITICATGAGG AAAAAATAAA
387951 AACAAAAGGA ACTITITAGGA GTGGCGCTCT GTCAGCTGCT TGTGCATCAG
388001 CTGCTTGTGG ATTTGGTTTA GAGCTTTAGA GAGGACTGGC ATTGACTAGC
388051 TTTCACTGTC ATTGTGGCCC ACATGACTTC GAAAACACTA TCATTGTGAA
388101 TTTTAGTTAT ATTTGATGGT AGAATTATTC TTTTAAAAAA ATTTCTCCAT
388151 TCTGTCTACT GAGGCTAGTT CAATGTAATC CGTGTTTTCT TTCTTCCCAC
388201 CTIGCIGCIT CTCTACTCAT TITATTCCTT TCCCTTACCT GTATGCATGT
388251 CTCAGTTCTG TTCTTCACAC TTTGGTTTCC AAAGCTGTAA CTTATTCCTT
388301 CTCTCCACAC TAAAGCCCTT TCCATTTGCC TCCCTGAAAG TACTTCTAAT 388351 ACCATGGTAC ACACGGCATT TACCTTACAT GCATCCACTA CTGGTTTGTG
388401 AGCAGGGGAA GACAGGTGCT ATATCTTAGA CATGCCTGGA TCTTCCACCT
388451 GGCTTAATAT AGTTATTGCA CAGAGTAGCT ATTCAGTGGA TGTTGATTGA
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## FIGURE 3GGGGG

388501	CGAAAGAATG	ACTGGCTAAT	TATTIGTAGT	GTCCTGGTTA	CATTTCCCCTC
388551	AGTTACTGGC	AGTATATTGC	TAAGTAAATG	<b>TGATAGGAAA</b>	GTAAGAGTGG
388601	CACAAGAAGA	TGACCTTATT	GACTAGTTCT	TCAGAGCATC	CTTTATAAAT
300001	CHOMOMO	ACACTAATCT	TTATTGAAGC	AACTICAA	TTCACCCACT
388701	GTTCTCCCG	CCCTAGGACA	TACAGACAGC	IGCACICCII	CCICIACACA
388751	GAAGAAGTCA	CGTTCATATT	GAGGTCCTTG	AGTACCCATG	ппсиспп
			CTAGGTCATC		
20001	CTCATCTCCT	CAAAACTCTG	TCCAAGTTTT	CTATATICTICA	AGTTTICGTAG
300001	GIGATCIGGI	TACATOCAL	TCCAAGITIT	ACACCCCACT	ACTAAATATA
			TGTTTAAGAG		
388951	GTAGGGAAAAT	TTTTCCCCAAA	TGTTGACATA	TACTAGAGGC	CCCAAGTTAC
389001	AAACATTCAC	ATTTCAGGTG	<b>GTCACTACTT</b>	CTCTGACCAT	AACTGATCAC
389051	TAAACCCCCT	TIGICATIAC	CATGTAAGCC	ΔΥΥΔΑΔΑΥ	ΔΔCΔΔΤΤΤΔΤ
200101	ACCTICATACA	AAAATCTATA	GAAGCAGGCT	CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CCTCACACCT
202101	AGCICATAGA	AVAICIAIA	GARGOAGGCI	CCCCCATTCAC	AACCTCACCA
			GGCCAAGGCG		
			<b>ATATGGTGAA</b>		
389251	ACAAAAAACT	AGCCAGGCGT	<b>GGTGGCACGC</b>	GCCCGTAGTC	CCAGCTACTC
			TCGCTTGAAC		
380321	CCACCCCACA	TTACCCCACT	GCACTCCAGC	CTICGTICACAG	AACGAGACTIC
389401	IGICICAAAA	AVAVAVAA	AAAAAGAGAG	AGAMATCIA	TAGAAGCAAA
389451	TGTGAAGGAA	AGTAAGTGAT	TCTGCAAAGA	GGAATGCCCA	GGGGAACTGA
389501	CCCTAAGGAC	<b>AGCCTTCTAG</b>	<b>GCCCTAATGA</b>	TATAACATTT	CCCACTACCT
389551	ACATTTATTT	ACTGTGCTGT	ATTAGGCTCC	CTGAGGTTCC	AGTGATTACA
389601	GGAGTACAAC	CATTICTICT	TCTGCCAGTT	TGATTACTGT	GIGTICACAC
200CL1	TCAAACCC	TOTOLO	GGTTCCCTTC	CHUCKATAL	CCACCCCCCC
30202T	IGWWGCCIG	TCTGACAATT	SOI ICCLIC	CCCACAAGG	
388\0T	AAACCCCCCA	TCTGGCCATG	TGAATCAAAA	CCAGAVACG	HIGAGAGGH
389751	CCAGGCAGCC	TTTTGGTTAC	CICICITITI	CTCAACCCTG	ciciiiicc
389801	AACCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC	CTGGCCACCA	TGGTACACAT	<b>GCTCATCTGG</b>	CCACTCTGTT
389851	CCATCICITY	CCATCAGACT	TTACACATAC	CCCTATTAGC	AAGATCACTG
380001	CACTICTOCAA	AAACACCCAC	ATATCAGTCA	TATACCAAAT	GAAATAGTAC
30330T	ACTOR	ATTICE CAC	TEACATACTA	CCTCCTCAAT	AAATCTTCCC
			TCACATAGTA		
390001	AACCATTATG	TGCCAGGCTC	TCTATTCTCT	GAGGGAGTCT	CAGCTATGAG
390051	GGGTGGGGA	<b>GGTATGCAGG</b>	AGAGAGAAAG	AGAGCTCCGT	CACCTGGCAG
390101	GAAATGTAGT	<b>GCTCTTTGCC</b>	TCTTCCAGTG	<b>ATTCTTCAGA</b>	CTTCTTAGCC
300151	TTCCAACCAT	TECTTEAAAT	TCTTGTCCAG	ATGAAAGAAG	TECTECTEAG
390201	AAGGIGIGG	GIGGGGACIC	TTCCCACTTG	GIGGLIOAC	CICCLITICI
			TAGAACACAG		
390301	TTTACCATGC	TGGTCATTTC	ACAGGTTTTT	ACTIGITACTIA	TTAATTATÇA
390351	CATTCTTGTT	TTCAAAAGAG	CICTITIGC	<b>ACCAGAACAT</b>	GTGATAAAGT
			GITIGITI		
300451	CCACCCTCTT	TTTTCAGAAA	AACATTAACA	TICATAACCA	CTACAGTTAA
200501	CTTCCCCC	CATTANTON	GCCCAGAACT	AATACTTACA	THETCETAAT
39020T	CHOOGGC	CATTAATGAA	GCCAGACT	AAIAGIIACA	CCCTAAACAT
39022T	TTGACAAAGC	CATCIAMATC	TATGCATGTT	TTTGAAAGCT	CCCIAMACAI
390601	GCTGCTAAAT	CCCCTAAAAA	<b>GCTACTAAAC</b>	TGCTTTGGCA	GCCATTAGCC
390651	CAGCATAAGC	AGAGGAACTC	TTTTCAGTGA	<b>GTGAACAAAC</b>	AGAGAAAATA
			GTGTTTCAGC		
			AATCACTGTT		
350/31	CACAATAT	AGICANIAIC	CACAACCTCT	TTTCACTACC	CTAATCTCTC
390801	CACAMIAICI	CHITICALC	CACAAGCTCT	TITCACIACC	GIAAIGIGIC
390851	TTTAGAATGA	CACTGGCATC	AGCCTGCTTC	CGCTGTCTGA	AGTCCAGAGA
390901	<b>GCTTAAAAAC</b>	<b>ACATTTCGGG</b>	ATTCTTGAAC	CTTCCTCCCC	TTCCGTTTTC
390951	CTACTGCCTC	CTCCCTCCTC	CCTCTGCATC	CATTCCGCCC	CCTCCCCAGA
391001	TICTITICAA	TICTICACC	TTTCCTGGCT	GAGTAAACAG	CATTCACTTC
301051	TOTAL	TICACCTICTIC	CAAAGTAAAT	GITGACAACC	CTATCTCATA
391031	TOTAL	TTAACAACTC	ATTA A A CA CA	TACACATAAA	CAAATCCTTT
SATMT	TICCIGAGAT	TIAAGAACIC	ATTAAAGAGA	IACACATAAA	GAMAIGCIII
391151	TACATGTTGG	TAATACATCA	AAGGTTGAAA	GGAATGTGGA	AACICIGIGC
391201	TATGACACGG	TGTGTTGATG	AGCAAGGCCT	CACTCTGTAT	CAGAATATCT
391251	CCCCTCTCC	CCTCCCTTGA	COGTTGGCTC	CCCCTCCCT	CCACCACATA
391301	GAGACATTECA	TICTITICCA	TCCCTTGTTA	AAAGTATGTG	CGTGCACACC
301251	TACCTACCC	TACACITAAC	AGCAAATGCC	CITADAAACCA	AATCCCACTT
327337	TACCIACCE	TACAGI TAAG	AGCAMIGCE	ACTACTTAAT	ACCIOCCACTI
221401	CHAGATATC	TITIGGCACT	CCTGGTTCTG	MUTACITAAT	AUGITICITI
391451	GGGATGAAGG	AAAGAACAGA	<b>ATGCTCTGTA</b>	TATGATTACC	THEATCCTT
391501	TTGAAAACTT	GAGTGGACTA	ATTCTTGCAG	ATAAATTTTA	GCAATGGGCA
391551	TTTAGTTGTA	GAAGGTACCA	CAGATGAATA	TTTGGAATAT	TATGTTTCTA
391601	AAAGAGTACT	CATTOTTO	TACCICCITY	TATTTACTTA	TTTTTAAAA
301651	TTTCACATTC	TACCIONING	CACAGAGGGCA	CHILLIAN	CTCTGGAAGA
301204 32T03T	ACACAGALIG	IAGCIGICIG	TCATCAAAA	ACATTTCAC	CICIOGAGA
32T/0T	AGACATICAA	GUARICICA	ICAIGAAAAG	ACATHCACI	CAGGCCTTGA
391/51	GCACTGTGAC	ACCTAGAATT	CCTGAGTCAT	IGAGAGGITT	TATGAAGAT
391801	TATCAAGAGA	AGAGTGGGCT	<b>GCATACACTC</b>	TGAGAAAATA	TATATATTCA
391851	<b>AGATICTIGAA</b>	AATCCTTTCC	AGAGAAAATT	титт	TAAAAATTTTT
391901	TGAGAGITET	ΔΔΔΔΔΔΔΤΤ	TTACTAGGCA	<b>AAATGTTTGA</b>	AGTATGTTCA
301051	CTACAATTTA	CCCCTTTCC	TICTTACACA	TTTTCAACTC	ATGTAAGTAC
LCCLCC	JIMMITIA	333211100	1101170707		AIGIA-GIAC

392001 ASTGAAAATA TCTCTGAGCA TAAGTTTCAC TCAGTITTAC CTGSAAATTT 392101 CTGTTCATCC CATGAAGCGA TTTCTTTTC CAGAATCTGT 392101 CTGTTCATCC CATGAAGCGA TTTCTTTTC CAGAATCTGT 392101 CTGTTCATCC CATGAAGCGA TTTCTTTTC CAGAATCTGT 392151 TTTCTAAAATG CCAAACATGT TGGCATCAAT TTTATACAGG GATATAAAAA 392201 ASTATATGTG GATAAAATTTT TTGAAATCTT TAGGGATATA AAAAAGTGTA 392201 GGCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTA AAAAAATGTAA 392201 TGTGGATAAA TTTTTTGTAA TCTTTAAAATT TAGGGATATA AAAAAGTGTA 392301 GGCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTA ACACTTCTTA 392401 ATCTCTACCT ATGGCCAAAA AAATTTTTTT TGAAGGCCAG TTTTTGTTTTA ACCCTTCTTA 392401 ATCTCTACCT ATGGCCAAAA AAATTTTTTT TGAGGATATA TTTGTATAAT 392451 ACAATGCCT TTGAAAGTGT AAGCCCACTC TAAGCCTAGA TCTGTAGACTAG 392551 GTCTCACTCT GTCACCTAAG CTGGAGTGCA GTGGCACGAT CTTGGCTCAC 392601 TGCACCTCC GCCTCCTGAG TTCACCACAA TCTTCCTGCCT CAACCTCCTG 392601 AGTACCTGGG ACTACAGGTG TCCACCACCA CACGCACCTA ATTTTTATAT 392701 TTTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGC TCTCGAACTG 392751 CTGGCCTCAG GTGCACCCACC CACCTGAGCT TCCCAAAGTG CTGGAATTAC 392801 AGGCGTGACC CACCATACCT GGAGGGGTT TGTGTTTTTTTTTT	
392101 CTIGITICATCC CATGAAGGGA TITICITITIC CAGAATCIGT TIGAGTICT 392151 TITCTAAAATIG CCAAACATIGT TGGCATCAAT TITATACAGG GATATAAAAA 392201 AGTATATIGTG GATAAATITT TIGTAATCITT TAGGGATATA AAAAAGTIGTA 392251 TIGTIGGATAAA TITTITIGTAA TCTITATITIT TGAAGGCCAG CCAGTAAAAT 392301 GCCCCAATIGT GCCAGCCAGG CITATIGTIGGC CTTIGTITTCA AATATACATA 392351 TATIGTIGTIAT CATTAAAATT CATTATAGGC TITTITITIT AGCCTTICTTA 392401 ATCICTACCT ATGGCCAAAA AAATTITITT TGAAGATAT TITGTATAAT 392451 ACAATCCCCT TIGAAAGTIGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TIGGGITTITT TIGAAGTIGT AAGCCCACTC TAAGCCTAGA TCAGTACACA 392551 GTCTCACTCT GTCACCCTAGA CTGGAGTIGCA GTGGCACGAT CTTIGACACAC 392601 TGCAACCTCC GCCTCCTGAG TTCAAGCCAAT TCTCTCTCCT CAACCTCCTG 392651 AGTACCAGGG ACTACAGGTG TCCAACCACCA CACGCAGCTA ATTITTATAT 392701 TITTAGTIAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTGGACTGA 392701 TITTAGTIAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTGGACTTAC 392801 AGGCGTGACC CACCATACCT GAGGAGGTT TTGTGTTTTTG 392801 AGGCGTGACC CACCATACCT GAGGAGGTT TTGTGTTTTTTTTTT	
392151 TITCTAAAATG CCAAACATGT TGGCATCAAT TITTATACAGG GATATAAAAA 392201 AGTATATIGTIG GATAAAATTT TITGTAATCTT TAGGGATTATA AAAAAAGTGTTA 392251 TIGTGGATAAA TITTTITIGTAA TCTTTATTTT TGAAGGCAG CCAGTAAAAT 392301 GGCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTCA AATATACATA 392301 ATCTGTACCT ATGGCCCAAAA AAAATTTTTT TGAAGGCAG CAGTAAAAT 392451 ACAATGCCCT TIGAAAGTGT AAGCCCAACA AAAATTTTTT TGAAGGATAT TITGTATAAT 392451 ACAATGCCCT TIGAAAGTGT AAGCCCAACA AAAATTTTTT TGAGACAGA TCAGTAGGCT 392501 TGGGTTTTTT TITGTTTGT TTTTTTTTTTTTTTTTT	
392201 AGTATATIGTIG GATAAATTTT TITGTAATCTT TAGGGATATA AAAAAGTGTA 392251 TIGTGGATAMA TITTTTIGTTAA TCTTTATTTT TGAGGCCCAG CCAGTAMAAT 392351 TATGTGGTTAT CATTAMAATT CATATATGCA TITTTIGTTTA AATATACATA 392351 TATGTGGTTAT CATTAMAATT CATATATGCA TITTTIGTTTA AATATACATA 392401 ATCTCTACCT ATGGCCAMAA AAATTTTTTT TGAGGCATAT TITTGTATTAAT 392451 ACAATGCCCT TIGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TGGGTTTTTT TIGTTGTTTTTTTTTTTTTTTTTTTTT	
392251 TIGIGGATAAA TITITTIGIAA TCTITATITT TIGAAGGCCAG CCAGTAAAAT 392301 GGCCCCAATGT GCCAGCCAGG CTTATGTGGC CTTIGTTTCA AATATACATA 392351 TATGTGTTAT CATTAAAATT CATATATGCA TITTITTTTA AATATACATA 392401 ATCTCTACCT ATGGCCAAAA AAATTTTTT TIGAGAGATAT TITTGTATAAT 392451 ACAATGCCCT TIGAAAGTGT AAGCCCACC TAAGCCTAGA TCAGTAGACT 392551 GTCTCACTCT GTCACCTAAG CTGGAGTGCA GTGGCACGAT TCAGTAGACT 392501 TGGGATTTTT TITTGTTGTT TITTGTTTTT TITTTTTTTTTT	
392301 GGCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTCA AATATACATA 392351 TATGTGTTAT CATTAMAATT CATATATGCA TTTTTGTTTTT AGCCTTCTTA 392451 ACCATGCCT TTGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392451 ACAATGCCCT TTGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TGGGGTTTTT TTGTTGTTTT TTTTTTTTTTT TTGAAAGAGA 392551 GTCTCACTCT GTCACCTAAG CTGGAGTGCA GTGGCACGAT CTTGGCTTCAC 392601 TGCAACCTCC GCCCCCTGAG TTCAAGCCAG GTGGCACGAT CTTGGCTTCAC 392601 TGCAACCTCC GCCTCCTGAG TTCAAGCCAT TCTCCTGCCT CAACCTCCTG 392651 AGTAGCTGGG ACTACAGGTG TTCCACCACCA CACGCAGCTA ATTTTTATAT 392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGCCAG TCTGGGATTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGGATTG 392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TTTTTTTTTT	392201 AGTATATGTG GATAAATTTT TTGTAATCTT TAGGGATATA AAAAAGTGTA
392401 ATCTICTACCT ATGGCCAAAA AAATTTTTTT TGAGAGATTAT TTTTGATTAAT 392401 ATCTCTACCT ATGGCCAAAA AAATTTTTTT TGAGAGATTAT TTTTGATTAAT 392451 ACAATGCCCT TIGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TGGGTTTTTT TTGTTGTTGT TTTTGTCTTTTTTTTTT	392251 TGTGGATAAA TTTTTTGTAA TCTTTATTTT TGAAGGCCAG CCAGTAAAAT
392401 ATCTICTACCT ATGGCCAAAA AAATTTTTT TIGAGAGATAT TTTGTATAAT 392451 ACAATGCCT TIGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TIGGGTTTTT TIGTTGTT TTTGTTTTT TTTTTTTTT	392301 GGCCCAATGT GCCAGCCAGG CTTATGTGGC CTTGTTTTCA AATATACATA
392451 ACAATGCCT TIGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT 392501 TGGGTTTTT TIGTTGTTGT TTTTTTTTTTTTTTTTT	392351 TATGTGTTAT CATTAMATT CATATATGCA TTTTTGTTTT AGCCTTCTTA
392501 TGGGTTTTT TIGTTGTTTT TTTTTTTTTT TTGAGACAGA 392551 GTCTCACTCT GTCACCTAGA CTGGAGTGCA GTGGCACGAT CTTGGCTCAC 392601 TGCAACCTCC GCCTCCTGAG TTGAGCAAT TCTCCTGCCT CAACCTTCCTG 392651 AGTAGCTGGG ACTACAGGTG TGCACCACCA CACGCAGCTA ATTTTTATAT 392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTCGAACTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGAACTG 392801 AGGCGTGAGC CACCATACCT GGAGGGTTT TGTGTTTTG TTTTTTTTTT	392401 ATCTCTACCT ATGGCCAAAA AAATTTTTTT TGAGAGATAT TTTGTATAAT
392501 TGGGTTTTT TIGTTGTTTT TTTTTTTTTT TTGAGACAGA 392551 GTCTCACTCT GTCACCTAGA CTGGAGTGCA GTGGCACGAT CTTGGCTCAC 392601 TGCAACCTCC GCCTCCTGAG TTGAGCAAT TCTCCTGCCT CAACCTTCCTG 392651 AGTAGCTGGG ACTACAGGTG TGCACCACCA CACGCAGCTA ATTTTTATAT 392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTCGAACTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGAACTG 392801 AGGCGTGAGC CACCATACCT GGAGGGTTT TGTGTTTTG TTTTTTTTTT	392451 ACAATGCCCT TTGAAAGTGT AAGCCCACTC TAAGCCTAGA TCAGTAGGCT
392551 GTCTCACTCT GTCACCTAG CTGGAGTGCA GTGGCACGAT CTTGGCTCAC 392601 TGCAACCTCC GCCTCCTGAG TTCAAGCAAT TCTCCTGCCT CAACCTCCTG 392651 AGTAGCTGGG ACTACAGGTG TGCACCACCA CACGCAGCTA ATTTTTATAT 392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTCGAACTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGGATTAC 392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TGTGTTTTTG TTTTTTTTC 392851 ATAAAATGCT TTTAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TTCAAAGATA GGCCAAATTG 392951 TACTTTTTTT TTTTATGAGA CAGAGTCTCG CTGCTCTGTC GCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393001 GACTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393051 ACTTACGCCA TTCTCCGCCT TCAGCCTCCT GAGTAGCTGC TCCTGGGTTT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTT TTTTATTAGAG 393151 ACAGGGTTTC ACCGTTTAG CCAGGATGAT CTCGATCTCC TGACCTCGTG 393201 ATCCGCCCGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG CATGACCTAC 393301 ATATGTATAT TTATGCTTCT TAATCTTAAA CATATTATGT TCATCTCTAA 393301 ATATGTATAT TTAGCTTCT TTGAAAAAGC TTTCAGAAAG TGATTCCTG 393401 ACTTCAGATC AGAAACTGGC AATGGGAGAA ATGTGCACTT AAACTTCCTG 393401 ACTTCAGATC AGAAACTGGC AATGGGAGAA ATGTGCACTT AAACTTCCTG 393501 TGATTATCAA AATAATGGC TATACAGTTT TGTGACACTT AAACTTCCTT 393551 GTTTGTTTTT TTAGAAATT CCCCAGAAAGA TCGTGACCTTC AAACTTCCTT 393551 TTGTTATCAA AATAATGGC TATACAGTTT TGTGACACCT AAACTTCCTT 393551 TTGTTATCAA AATAATGGC TATACAGTTT TGTGACACCTG GGTGGAATGC 393601 AGTGGCACAG TCGTAGCTCA CTGCACCTTC CAGGACTAC GGCCAACAGG TCCTCCTGGC 393701 CATGTACAGC TAATTTTTTT TTTTAAACAG AGACACAGG TCCTCCTGG 393701 CATGTCCAAA GGCTGAGAT TACAGGCTA AACACAGG TCCTGCCTCC 393701 CATGTCCAAAA GGCTGAGAT TACAGGCTAA ATATTATAT TTTAAAGAGTATA ATTCTTTAAAATT CACACTTCCAAAATATAA 393901 TTTACAACATAT ATTCTTGAAGT TACAGGCTAA ATATTATATT	
392601 TIGCAACCTICC GCCTCCTGAG TITCAAGCAAT TCTCCTGCCT CAACCTCCTG 392751 AGTAGCTGGG ACTACAGGTG TIGCACCACCA CACGCAGCTA ATTITTATAT 392701 TITTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCGG TICGAACTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCCAAAGTG CTGGGATTAC 392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TGTGTTTTG TITTTTTTTC 392851 ATAAAATGCT TITTAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC 392901 ATATTTTCAG GGTACCCAGTA AACTTTTTAG TICCAGAGTG CTGCCCAAATTG 392901 ATATTTTCAG GGTACCTAGTA AACTTTTTAG TICCAGAGTA GGCCCAGCCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGC CTGCCTGTC GCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGC TCCTGGGTTT 393051 ACTTACGCCA TTCTCCCGCC TCAGCCTCCT GAGTAGCTGG GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTTT TTTTTTTTTT	
392761 AGTAGCTIGG ACTACAGGTG TICACCACCA CACGAGCTA ATTITITATAT 392771 TITTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TICTGAACTG 392751 CTIGGCCTCAG GTGACCCACC CACCTGAGCC TICCCAAAGTG CTIGGAATTAC 392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TIGTGTTTTTG TITTTTTTTC 392851 ATAAAATGCT TITTAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TICCAAAGATA GGCCAAATTG 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TICCAAAGATA GGCCAAATTG 392951 TACTTTTTTT TITTATGAGA CAGAGTCTCG CTGCTCTGCC CCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393051 ACTTACGCCA TICTCCCGCC TCAGCCTCCT GAGTAGCTGC GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTT TITTTTTTTT TITTATTAGAG 393151 ACAGGGTTTC ACCGTGGTTAG CCAGGGATGAT CTCGATCTCC TGACCTCGTG 393251 TGCGCCCCGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG CATGAGCTAC 393251 TGCGCCCCGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG CATGAGCTAC 393351 TTACTACTCC ATAAAATACTC TIGTATTTAT CCTCAGGATT TCTCCACACT 393351 TTATTACTTC ATAAAATACTC TIGAAAAAGC TITTCAGAAAG TGATTCTCTGA 393401 ACTTCAGATC AGAAACTGGC AATGGGAAAGA ATGTGCACTT AAACTTCCTT 393551 GTTGATTATCAA AATAATGGCC TATACAGGTTT TGTCACCCAG GGTGGAATTC 393551 GTTGTTTTTTAGAAAATTC CCCAGAAAGA ATGTGCACTT AAACTTCCTT 393551 GTTGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT	
392701 TTTTAGTAGA GACAAGGTTT CACCATGTTA GCCAGGCCGG TCTCGAACTG 392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGGATTAC 392801 ASGCGTGAGC CACCATACCT GGAGAGGTTT TGTGTTTTTG TTTTTTTTTC 392801 ATAAAATGCT TTTAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TTCAAAGATA GGCCAAATTG 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TTCAAAGATA GGCCAAATTG 392901 ATATTTTTTT TTTTATGAGA CAGAGTCTGG CTGCTCTGTC GCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393001 GACTTAGGCA TTCTCCCGCC TCAGCCTCCT GAGTAGCTGG GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTT TTTTTTTTTT	
392751 CTGGCCTCAG GTGACCCACC CACCTGAGCC TCCCAAAGTG CTGGGATTAC 392801 AGGCGTGAGC CACCATACCT GGAGAGGTTT TGTGTTTTTG TTTTTTTTTC 392851 ATTAMATGCT TTTAATAAAT CATATGAAGC ATTCATGTTT TTACTTATAC 392901 ATATTTTCAG GGTACCAGTA AACTTTTTAG TTCAAAGATA GGCCAAATTG 392951 TACTTTTTT TTTTTATGAGA CAGAGTCTGG CTGCTCTGTC GCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393051 ACTTACGCCA TTCTCCCGCC TCAGCCTCCT GAGTAGCTGG GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTTTTTT TTTTTTTTTT	
392801. AGGCGTGAGC. CACCATACCT. GGAGAGGTTT. TGTGTTTTIG. 392851. ATAAAATGCT. TITAATAAAT. CATATGAAGC. ATTCATGTTT. TTACTTATAC. 392901. ATATTTTCAG. GGTACCAGTA. AACTTTTTAG. TTCAAAGATA. GGCCAAATTG. 392951. TACTTTTTT. TITTATGAGA. CAGAGTCTGC. CTGCTCTGTC. GCCCAGGCTA. 393001. GAGTGCAGTG. GGGTGATCTA. GGCTCACTGC. AAGCTCTGC. TCCTGGGTTTT. 393051. ACTTACGCCA. TTCTCCCGCC. TCAGCCTCCT. GAGTAGCTGG. GACTACAGGT. 393101. GCCCACCACC. ATGCCTGGCT. AATTTTTTTT. TITTTTTTTT. TTTATTAGAG. 393151. ACAGGGTTTC. ACCGTGTTAG. CCAGGATGAT. CTCGATCTCC. TGACCTCGTG. 393201. ATCCGCCCGC. CTCGGGCTCC. CAAAGTGCTG. GGATTACAGG. CATGACTAC. 393251. TGCGCCCTGC. CGCCCAAATTG. TAATCTTAAA. CATATTATGT. TCCATCTCTAA. 393301. ATATGTATAT. TTATGCTTCT. TIGTATTTTAT. CCTCAGGATT. TCTTCACACT. 393351. TTATTACTTC. ATAAATACTC. TTGAAAAAGC. TITCAGAAAG. TGATTCTCAG. 393401. ACTTCAGATC. AGAAACTGGC. AATGGGAAGA. ATGTGCACTT. AAACTTGATC. 393451. ACTGTAGATC. TTTGAAAATT. CCCCAGAAGA. CAAATCAGAC. AAGAAATACC. 393551. TGTTGTTTGT. TTAGAGATAG. GATCTTGTT. TGTGGTGGCA. TACATTCCTT. 393551. GTTTGTTTGT. TTAGAGATAG. GATCTTGTT. TGTGGTGGCA. AAGAAATACC. 393601. AGTGGCACAG. TCGTAGCTCA. CTGCACCTTC. AAACTCCTGG. AGCTCAAGTG. 393701. CATGTCAGGC. TCATTTTTTT. TTTTTAAACAG. AGACACAGG. TCCTGACCTCC. 393751. TTGCCCAGGC. TCGTAGCTCA. CTGCACCTTC. AAACTCCTGG. AGCTCAAGTG. 393851. GGTGCACATAT. ATTCTGAAGT. TTTTAAACAG. AGACACAGG. TCCTTGCTGC. 393701. CATGTCCAGA. GGGCTGAGAT. TACAGGTTGT. AGACTCCTGG. 393701. CATGTCCAGA. GGGCTGAGAT. TACAGGTTGT. AGACACAGG. TCCTGCCTCCA. 393801. GCTTCCCAAA. GGGCTGAGAT. TACAGGTTGT. AGACACAGG. TCCTGCCTCCA. 393801. TTTACATCCT. CAAAAATATC. AGATTTTCAA. AGACACAGG. GTTTACCAGT. 393851. ACCATCACAAA. AACCACTAA. TACAGGTGT. AGCCACCATG. CTCCAACCTTC. 393991. TTTACATCCT. CAAAAATATC. AGATTTTCAA. AGACACATTA. TACAGTGTTG. 393991. ACATAAACCC. ACCTAGGGGA. CAAAGAATAT. TACACCTTAA. TTACAGTTTT. TACAGGCTTAA. TACATTTAATT. 394001. TCAAATACAA. TACACCACTAA. TIGTAGCCAAGG. GTTTCCCAAC. CTGGACCACATT. 394001. TCAAATACAT. AATATTTAAG. AATTATTTAATT. TACAGTATT. TACAGCATAT. 394001. TCAAATACAT. AATATTTAAG. AATTATTTAAG. AATTATTTAATT. TACAGCTA	
392851 ATAAAATICCT TITTAATAAAT CATATIGAAGC ATTICATIGTTT TTACTTATAC 392901 ATATTITICAG GGTACCAGTA AACTITITAG TICAAAGATA GGCCAAATTIG 392951 TACTITITITI TITTATGAGA CAGAGTCTGG CTGCTCTGTC GCCCAGGCTA 393001 GAGTGCAGTG GCGTGATCTA GGCTCACTGC AAGCTCTGCC TCCTGGGTTT 393051 ACTTACGCCA TTCCCCGCC TCAGCCTCCT GAGTAGCTGG GACTACAGGT 393101 GCCCACCACC ATGCCTGGCT AATTITTTTT TITTATTAGAG 393151 ACAGGGTTTC ACCGTGTTAG CCAGGATGAT CTCGATCTCC TGACCTCGTG 393201 ATCCGCCCGC CTCGGCCTCC CAAAGTGCTG GGATTACAGG CATGAGCTAC 393251 TGCGCCCTGC CGCCAAATTG TAATCTTAAA CATATTATGT TGCATTCTAA 393301 ATATGTATAT TITATGCTTCT TGTTATTTAA CATATTATGT TGCATTCTAA 393351 TTATTACTTC ATAAATACTC TIGAAAAAGC TITCAGACATT TCTTCACACT 393451 ACTGTAGATC AGAAACTGGC AATGGGAAAGA ATGTGCACTT AAACTTCTGT 393451 ACTGTAGATC TITGAAAATT CCCAGAAAGA CAAATCAGAC AAGAAATACC 393501 TGATTATCAA AATAATTGGC TATACAGTTT TGTGGTGGCA TACATTCCTT 393551 GTTTGTTTGT TTAGAGATAG GATCTTGTTG TGTCACCCAG GGTGGAATGC 393601 AGTGGCACAG TCGTAGCTCA CTGCACCTTC AAACTCCTG AGCTCAAGTG 393601 AGTGGCACAG TCGTAGCTCA CTGCACCTTC AAACTCCTG AGCTCAAGTG 393701 CATGTCAGGC TAATTTTTTT TTTTAAACAG AGAACAGAG TCCTCAGGTGC 393701 CATGTCAGGC TAATTTTTTT TTTTAAACAG AGAACAGAG TCCTCGTGC 393701 CATGTCAGGC TAATTTTTTT TTTTAAACAG AGAACAGAG TCCTCGCTGC 393701 CATGTCAGGC TAATTTTTTT TTTTAAACAG AGAGCAGAG TCCTCGCTTCC 393801 GCTTCCCAAA GGGCTGAGAT TACAGGTTG AGCCACCATGC 393801 TTTACATCCT CAAAAATATC AGATTTTCAA AATATTTAATC CTCCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA AATATTTAAT CCCCAGCCTGT 393851 ACATAAACCC ACCTAGGGA CAAACAGT GCTCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT 393951 ACAATAAACCA TAAACCACTAA TIGTATCTGA CCATTTTAATT TACCACTTAG AACTTGATTA 394011 TCAAATACAA TAATCAAATAAAT AATTATTTAAG AATTAGTTTA TCCACCTATAT TAAATTAATT 394051 ACAATTAAAT AATTATTAAG AATTAGTTTA TCCACCTATAT TAAAATTAATT 394011 TCAAATGCAC AATTAACCTACA TTGTGGCAAGG GTCTGCCCAC CTGGACCACTTT 394101 TCAAATGCAC AATTAGCTACA TTGTGGCAAGG GTCTGCCCAC CTGGACCACTTT 394101 TCAAATGCTC AATTAGCTACA TTGTGGCAAGG GTCTGCCCAC CTGGACCACATT	
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393701 CATGTCAGGC TAATTTTTTT TTTTAAACAG AGAGACAGAG TCTTGCTGTG 393751 TTGCCCAGGC TGGTCTCCAA CTCCTGGCCT CAGGTGACCC TCCTGCCTCA 393801 GCTTCCCAAA GGGCTGAGAT TACAGGTGTG AGCCACCATG CCCAGCCTGT 393851 GGTGACATAT ATTCTGAAGT CACATCTCAA ATATTTAATC CTCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT 393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCCAGG GTCTGCCACA CTGGACAGAG	
393751 TTGCCCAGGC TGGTCTCCAA CTCCTGGCCT CAGGTGACCC TCCTGCCTCA 393801 GCTTCCCAAA GGGCTGAGAT TACAGGTGTG AGCCACCATG CCCAGCCTGT 393851 GGTGACATAT ATTCTGAAGT CACATCTCAA ATATTTAATC CTCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT 393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCCAGG GTCTGCCACA CTGGACAGAG	======================================
393801 GCTTCCCAAA GGGCTGAGAT TACAGGTGTG AGCCACCATG CCCAGCCTGT 393851 GGTGACATAT ATTCTGAAGT CACATCTCAA ATATTTAATC CTCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT 393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
393851 GGTGACATAT ATTICTGAAGT CACATCTCAA ATATTTAATC CTCAAATATA 393901 TTTACATCCT CAAAAATATC AGATTTTCAA GACAACACTG GTTTACCAGT 393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
393901 TITACATCCT CAAAAATATC AGATTITICAA GACAACACTG GITTACCAGT 393951 ACATAAACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TIGTATCTGA CCATTITAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
393951 ACATAMACCC ACCTAGGGGA CAAAGAATAT TACCACTTAG AACTGTGTTG 394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
394001 TCAAATACAA TAACCACTAA TTGTATCTGA CCATTTTAAT TAAATTAATT . 394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT . 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
394051 ACAATTAAAT AATATTTAAG AATTAGTTTA TCAGACATAT CAGCCACATT 394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	
394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG	** · · · · · · · · · · · · · · · · · ·
394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG 394151 TAGAAAACAT TCCCATCATT CAGAAGGTTC TCTTGGACGC T (SEQ ID NO:3)	
394151 TAGAAAACAT TCCCATCATT CAGAAGGTTC TCTTGGACGC T (SEQ ID NO:3)	394101 TCAAATGCTC AATAGCTACA TGTGGCAAGG GTCTGCCACA CTGGACAGAG
	394151 TAGAAAACAT TCCCATCATT CAGAAGGTTC TCTTGGACGC T (SEQ ID NO:3)

#### FEATURES:

Genewise results: Start: 2052 2052-2214 Exon: 2052-2214 6544-6665 7947-8104 12324-12382 12982-13623 14599-14728 14985-15041 Exon: Exon: Exon: Exon: Exon: Exon: 17011-17134 26115-26370 58099-58253 105907-106116 Exon: Exon: Exon: Exon: 134208-134261 134208-134261 135030-135109 168302-168428 333800-333964 391657-391830 Exon: Exon: Exon: Exon: Exon: Stop: 391831

<u>Sim4 results:</u>
Exon: 2052-2214, (Transcript Position: 1-163)
Exon: 6544-6665, (Transcript Position: 164-285)
Exon: 7947-8104, (Transcript Position: 286-443)

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Exon:	12324-12382, (Transcript Position: 444-502)
Exon:	12982-13623, (Transcript Position: 503-1144)
Exon:	14599-14728, (Transcript Position: 1145-1274)
Exon:	14985-15041, (Transcript Position: 1275-1331)
Exon:	17011-17134, (Transcript Position: 1332-1455)
Exon:	26115-26370, (Transcript Position: 1456-1711)
Exon:	58099-58253, (Transcript Position: 1712-1866)
Exon:	105907-106116, (Transcript Position: 1867-2076)
Exon:	134208-134261, (Transcript Position: 2077-2130)
Exon:	135030-135109, (Transcript Position: 2131-2210)
Exon:	168302-168428, (Transcript Position: 2211-2337)
Exon:	333800-333964, (Transcript Position: 2338-2502)
Exon:	391657-391833, (Transcript Position: 2503-2679)

#### CHROMOSOME MAP POSITION:

chromosome 4

ALLELIC	<b>VARIANTS</b>	(SNPs):
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	ariants (s	NPS):				
DNA	_			Protein		
<u>Position</u>	Major	Minor	Domain	Position	Major	Minor
2769	G	C	Intron			
3193	Α	G	Intron			
3212	A	Ğ	Intron			
8756	A	- G	Intron			
9504	Ť	G Č	Intron			
9848	ċ	Ğ	Intron			
9854	Ť	-	Intron			
9855	÷	G	Intron			
9856	Ţ	Ç	Intron			
9858	A	G	Intron			
9859	Α	C	Intron			
9861	Α	G	Intron			
9933	Α	C	Intron			
29225	T .	-	Intron			
30318	-	CA	Intron			
31773	Α	G	Intron			
31815	G	Ā	Intron			
31937	Ť	Ĉ	Intron			
37476	ċ	Ā	Intron			
37907	Ğ	ĉ	Intron			
39942	G	A	Intron			
39962	T	ĉ				
3990Z	_		Intron			
54112	G	A	Intron			
56564	Ţ	C	Intron			
56577	c	G	Intron			
62685	G	A	Intron			
66226	G	T	Intron			
69242	T	C	Intron			
71663	Т	C	Intron			
72277	Α	G	Intron			
73914	Α	G	Intron			
84040	C	G	Intron			
89030	Ğ	Ā	Intron			
93320	Ā	Ϋ́	Intron			
101668	Ĝ	Ť	Intron			
103856	-	ĠТ	Intron			
105833	Ť	C	Intron			
		<u> </u>		C20	_	^
105955	G	<u>c</u>	Exon, coding	639	E	Q
107551	G	Ţ	Intron			
119296	T	C	Intron			
119555	Т	Α	Intron			
121866	-	Т	Intron			
122895	G	Α	Intron			
131609	G	T	Intron			
131723	С	T	Intron			
132231	T	_	Intron			
135632	<u>-</u>	Α	Intron			
141539	G	A	Intron			
	_	• •				

FIGURE 3JJJJJ

142214	С	Α	Intron
145778	Ā	Ĝ	Intron
151190	A	G T	Intron
157553	Α	С	Intron
157636	Α	T	Intron
162146	Α	G	Intron
163621	A	Ğ	Intron
164329	c	Α	Intron
164414 164418	T A	_	Intron Intron
165385	Ĉ	Ŧ	Intron
169409	Ä	A - T G C	Intron
169427	Ť	č	Intron
169482	Α	G	Intron
169833	A	G C G	Intron
172752	A	C	Intron
174593 175255	T	<u> </u>	Intron Intron
182043	C G	Δ	Intron
191691	č	Ā	Intron
191860	C	T T	Intron
205285	Č G	T	Intron
205541	G	A	Intron
214654	A	T G	Intron
217543 220982	A G	G A	Intron Intron
223142	-	Ğ	Intron
224714	G	č	Intron
224830	č	Ğ	Intron
226572	-	T	Intron
231688	G	Α	Intron
231789	Т	Ç	Intron
233397	-	A	Intron
233523 234058	G A	A G	Intron Intron
234588	Ť	G	Intron
239457	À	Ğ	Intron
239491	Α	G	Intron
239555	C	Α	Intron
242177	<u>c</u>	GTA	Intron
247768	T	ACG	Intron
249117 249605	A G	G A	Intron Intron
250289	Č	÷	Intron
251073	c c	Ť	Intron .
252314	-	Α	Intron
253696	Α	G	Intron
253831	A	G	Intron
253888 253894	G	A A	Intron Intron
255016	G	A .	Intron
256221	Ť	A C C	Intron
256464	Т	č	Intron
263085	G	Α	Intron
265178	G	A	Intron
265800	Ţ	G T	Intron
269688 272937	C	_	Intron Intron
273176	A T	C C	Intron
275790	÷	č	Intron
276058	T - C C A	A G	Intron
276824	C	G	Intron
280661	C	Т	Intron
280667		Ċ_	Intron
281343 283572	A	G T T	Intron Intron
283372 288144	- C	T	Intron
288353	Ā	Ġ	Intron
288504	T	č	Intron
288604	Ť	C C	Intron

# FIGURE 3KKKKK

289150	c	т	Intron
291331	G	T C C	Intron
291575	G	C	Intron
291589 294398	G	Ţ	Intron
298090	Č	T A T	Intron Intron
299714	Ğ	Ä	Intron
306438	Α	A G C	Intron
306579	T	C	Intron
310153 310189	Ţ	C G	Intron
310283	A	G	Intron Intron
311696	Ĝ	Ť	Intron
315318	Α	C	Intron
315383	Ţ	G T C	Intron
322289 323572	C T	_	Intron Intron
324052	Η̈́.	Ā	Intron
326324	G	Ā	Intron
327037	T	G	Intron
327038 327295	T A	G	Intron
328248	Ť	G C	Intron Intron
328332	C	Т	Intron
328453	G	T	Intron
328464 328968	G C	C T G	Intron
329579	Ā	Ġ	Intron Intron
331838	Α	<b>G</b> .	Intron
332042	Α	G	Intron
332058 333419	Α.	C G	Intron
336143	A T	G	Intron Intron
336148	Т	G	Intron
337934	C	T	Intron
341242 341261	T C	C T	Intron
346129	Č	Å	Intron Intron
350106	G	Â	Intron
351103	A T	G	Intron
351139 358126	G	G	Intron
361818	T	A C G	Intron Intron
362286	C	Ğ	Intron
362869	T	ç	Intron
363642 363730	G A	A T	Intron Intron
365893	Ĝ	À	Intron
366622	-	A C C	Intron
370992 371475	G G	Ç	Intron
373927	A	A T	Intron Intron
374062	G	Α	Intron
374489	Ç	G	Intron
375527 375885	A G	– T A	Intron
376687	Č	Ä	Intron Intron
378952	Ā	G	Intron
379000	G	Α	Intron
384480 385802	G G	A	Intron Intron
386270	T	A T C	Intron
386338	G	Α	Intron
387449	C	G	Intron
389096 389998	T	c C	Intron Intron
392964	_	T	Intron
393018	C	τ̈́	Intron

Context:

### FIGURE 3LLLLL

#### DNA <u>Position</u> 2769

TTAACGTGATTCCACTTCAGGCTACACAGGTGCTAAGTGGCAGAGCCGATATTTGAGTCCA
GATGTGTTTGACTTAAAAGCCATTCCTAGATGACAGCTCCTTTGATTTGGGAGAACGTAT
TTATACTGAAAAAGTCTTATAAATTGAATTAAAATTGAAAAATTTATATTTTGATGTGTAAT
AGCTTTGAAAAAATGGACCAGACTAGTGGCAAAAACTTTATGTCTAATCAGACCTTAAAG
ACAATTTAGAGTTCACATGGTATTTTCACTCTGCCTTAGGTATCAGAGGACAACTTGTTC

- TACTGAAAAGTCTTATAAATTGAATTAAAAATTGAAAATTTATATTTGATGTGTAATAGC
  TTTGAAAAATTGACCAGACCTAGTGGCAAAAACTTTATGTCTAATCAGACCTTAAAGACA
  ATTTAGAGTTCACATGGTATTTTCACTCTGCCTTAGGTATCAGAGGACAACTTGTTCTGT
  CCTGAAGGTTCAACTTGTTTTTTGAACTAGATCCTTCCCATTGACATGTAAACATGCTCAT
  TTCTCTTCCATCTTAAATCAGAACAAAAGCTCCACATTTTCTTCCTGCAACCGTCTCTCT
  [A,G]
  TCCATTGCCAAGCTTCTTAAATTGAGTGGTCTCTGCCGCCCTCACCACTTTACATACTCTCCC
  CTAGCCTATTCCTCTTTGACTTCCACCCCCATCATTCCATGGAAACTGTTCCTGGTGTGGT
  - TCCATTGCCAAGCTTCTTAAATGGAGTGGTCTCTGCCGCCCTCACCACTTACATACTCTCCC CTAGCCTATTCCTCTTTGACTTCCACCCCATCATTCCATGGAAACTGTTCCTGGTGTGGT CTCCGAGCATCTCCGTTGATAAACCTTACGTGACCACAGCAACTTTTGGTATTGATGACCATTCCTTCTCTTATGTGTTGTCAAACTTGCCTGGTTTTC TTCATCTTTGTTGATGTTTCATCATTTTTTCTTTGCAGGCTCGTCCTCCTTCCCCTTGACCAT

CATCATTTTTCTTTGCAGGCTCGTCCTCTTCCCTTGACCATTAAATGTTGAAGTTCGTCA

- 9504 CAAGTCTTCTCAAAAATCATTTACAAAAAGCATCTTTTTATACTTTAATGTCACCTTAGT
  AATAGTTTGGGGGATGTTTTACATTATATGTGAGAATTACAAACCATTTTCTAGTCATC
  AGCTTGATTTTAATATGTTCTTTTTTGCTACTATTGTAGATTTTAGACTTGAGTTTTGGC
  ATATTTTTCTTTATAACAGGAGAATGTTTTCAGAGCTTATAGTAACAGTTTAATGAAC
  AATAAAAAGCAGAAGGGACAAGGAGACAATATGTTGAGTACCGGCTGTATACAGAAGCTTT
  [T,G]

TATATATTGCATGTATGTATACACACACACACATTTACCCTTTTCTTTTTAAACAGATGA
AATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTTGAGATT
AAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATTCGTT
GACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCACAGCAG
TCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAATGAAAGCTCA

AGACTATGCAAGCAAAGAACCTGATTGTATATTTTAACTTGTTGATTATTCGATTTAGTA

9848 TCTTTTTAAACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTA
ATAGTACTGTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACA
GGTAGCAGTAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACC
TCTTGAGCGCCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATG
TTTTAAATGAAAAGCTCAGGTTTTAAAATTTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAAT
[C,G]
TTATGTTTAAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGT

#### FIGURE 3MMMMM

10/506549

CATTITAGTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATG TTAGAGCTCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAA TTGGTTTGATATTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTA ACAAAAGCAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCA

9854

TAAACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTA
CTGTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGC
AGTAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGA
GCGCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAA
ATGAAAGCTCAGGTTTTAAAATTTTGTTTTAAAAAATCTTATGTTTTAAAAAATCTTATG
[T,-]
TTAAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTT
AGTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTAATAGTAATGTTAGAG

TTAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCAGTTGGGAAAATCAGTCATTTT AGTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAG CTCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTGGTT TGATATTTTTACTGTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAA GCAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAG

9855

AAACAGATGAAATAGTICTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTAC
TIGTTGAGATTAAACTIGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCA
GTAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAG
CGCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAA
TIGAAAGCTCAGGTTTTAAAAATTTTGTTTTAAAAAATCTTATGTTTTAAAAAAATCTTATGT
[T,G]
TAAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTA
GTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTAATAGTAATGTTAGAGC

TAAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTA GTCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGC TCCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAAGCAAAATTGGTTT GATATTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAG CAATTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGG

9856

AACAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACT
GTTGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAG
TAATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGC
GCACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGGACTGGATATGTTTTAAAT
GAAAGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAATCTTATGTT

[T,C]

AAAAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAG TCTGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCT CCTTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTTG ATATTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAAAATTGAAGCATTTAAGGA

9858 CAGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGT
TGAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTA
ATTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGGGC
ACAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAATGA
AAGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAATCTTATGTTTA

AAAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTC
TGCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCTCC
TTCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTGGTTTGAT
ATTTTTACTGTTTTTACATGTATTTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAA
TTTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGAGA

9859 AGATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTT
GAGATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAA
TTCGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCA
CAGCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAATGAA
AGCTCAGGTTTTAAAAATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAAATCTTATGTTTAA

AAATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTCT
GCTTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCTCCT
TCTAGTGGAAATTATTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTTGATA
TTTTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAAT
TTAAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGAGAT

9861 ATGAAATAGTCTGAGGAGAACTTGCCTAATATTTTATGAGGTAGTTAATAGTACTGTTGA
GATTAAACTGGATTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATT
CGTTGACTGGAATTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGGGCACA
GCAGTCTTAGGTGAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTTAAAATGTTAAAAA
CTCAGGTTTTAAAAATTTTGTTTTAAAAAATCTTATGTTTTAAAAAAATCTTATGTTTAAAAA

PCT/US03/06670 10/506549

[A,G]
ATCTTAAGTATAGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTCTGC
TTAAATCCTTCAGTTGCAACTGTAAGATTTTATTATTAATAGTAATGTTAGAGCTCCTTC
TAGTGGAAATTATTTTATGTGCAACTATTATTTTTTAAAAGCAAAATTGGTTTGATATT
TTTACTGTTTTTACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAATTT
AAGTATAACTTGGTTTAGAGTTCCATAAACAAAAGTAAATGTAAGCATTTAAGGAGATAC

CATTAGTTTATACATATATTTGATTCATGAAATTTCCCCCCTCATTGTATTTCTCTCTTGT

CACCGGCTCAGCCTCCCAAAGTGGTGGGATTACAGGCGTGAGCCACTGTGTCTGGCCCA

- 9933
  TTATTCCTCAGACTATGTCTTAAAATGGTGCTACAGGTAGCAGTAATTCGTTGACTGGAA
  TTAGCATTTATGATGACCTACAAACTAGTCAGACCTCTTGAGCGCACAGCAGTCTTAGGT
  GAGTAATGATTGCTTATTAGAGAGGACTGGATATGTTTAAAATGAAAGCTCAGGTTTAA
  AATTTTGTTTTAAAAAAATCTTATGTTTTAAAAAATCATTATGTTTAAAAAATCTTAAGTAT
  AGACAAGAAAGTTAACTTCCAGTTGGGAAAATCAGTCATTTTAGTCTGCTTAAATCCTTC
  [A,C]
  GTTGCAACTGTAAGATTTTATTTATTAATAGTAATGTTAGAGCTCCTTCTAGTGGAAATTA
  TTTTATGTGCAACTATTATTTTTTTAAAAGCAAAATTGGTTTGATATTTTTACTGTTTTT
  ACATGTATTTGTAAATACCTTCTATTCAGAGTTTAACAAAAGCAATTTAAGTATAACTTG
  GTTTAGAGTTCCATAAAACAAAAGTAAATGTAAGCATTTAAGGAGATACATGCAATTTTCT
- 29225 GCTGTCCCTTACCCTGTCTACCTGTATCCTGATGGTCGTATCACATCCTTGTGTTAGAAG
  AGTATACATGATGGGGTGATGAGAATGTGCATATTTATTCAGTTTGTGCACGGCTGCTGG
  TAAGCAGCGTGTCCACAGAGCCAACTCCTATAGGAGTTGTTTCAACAGTCCATTCAATTT
  GTTCAGTCAGCCCCACTGCTGTAGGGTTGTACGGCAGGTGAAAATGCCAGTGGATATCCA
  GGGCCTCTGCCTATTCTTGTACTTTATATCTGGTAAAGTACGAGCCCTAGTCATTGTTAA
  [T,-]
  TTTTTTTTTTTTTTTTGAGATGGAGTTTCGCTCTGAGTTCAAGCAATTCTCCTGCCTCAGCCT
  CCTGAGTAGCTGGGATTACAGGTGTGTACCACACACCTGGCTAATTTTTTGTATTTTTA
  GTAGAGACAGGTTTCACTATGTTGGGCAGGCCTCAACCTCCAGCTCCAGGTGATC
- TIGICIGIGITITATAGCTCATCCIGITIGCCAGATGAGGCAGCAAGGTGTGAGGGCGCAG
  TTIGAAAGCTGGAAAAAGACTCAGAAGTTAGCACGATATCATCACTGTAATGGAAAATGT
  GTACCCCTTCCAGGACCTCCATGGCTATATAAATATCCCTGGGGCAAGATGGTAAAAGTC
  TATTGTTCTTCCCAGGTGAATGCAAATTGGTCTTGACTCTCTGCGGCAAGTGGTAAAAGTC
  AAGAAGGCATTGGTTAAATCAATAACAGAGTGGTAGTGGTATGTGCCAGTGCCTTCCC
  [A,G]
  CCCTCTTTAGAAGGGAGGTGATATTGGGAACATGTGCATACGTTGGGGGGGACTGCCTTAC
  TTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCCATCAGGCTTCCACTGGGCCGTA
  CATGGCTGTTGTATGGGCTGTGCACTGGCCTTGTAATCCCTTGGGCTAACTCCTTAAC
  CAATCCCTGTGGTTTCATTATGTCCCCCCCAGCAGGCAGTATTGCCTCAGTGCTACTACTT
  GCTGTGTGGGGTTGGCAACTATACTGGTGTCCATTTCCCCTTTGGTCACATGCTT
- 21815
  CAAGGTGTGAGGGCGCAGTTTGAAAGCTGGAAAAAGACTCAGAAGTTAGCACGATATCAT
  CACTGTAATGGAAAATGTGTACCCCTTCCAGGACCTCCATGGCTATATAAATATCCCTGG
  GGCAAGATGGTAAAAGTCTATTGTTCTTCCCAGGTGAATGCAAAATTGGTCTTGACTCTCT
  GCCGCCAATGGGGATGCCTGAAGAAGGCATTTGGTTAAATCAATAACAGAGTGGTAGTGGTAT
  GTGTCCAGTGCCTCCCCACCCTCTTTAGAAGGGAGGTGATATTTGGGAACATGTGCATAC
  [G,A]
  TTGGGGGGACTGCCTTACTTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCCATCAG
  GCTTCCACATGGGCGTACATGGCTGTTTGTATTGGGCTTGTGCACTTGGCCTTTGAATGCCTC
  CTTGGGCTAACTCCCTTAACAATCCCTGTGGTTCATTACTTGGTGTCCATTTCGCATTT
  GCCTCAGTGCTACTTCCTTGTGTGGGGTTTGGCACTATACTGGTGTCCATTTCGCATT
  CCCCTTGGTCACATGCTTCACCACTCTCAGTCAGAACTCCCCCAGCAGGAGGGGGTT
- 31937 CAAGATGGTAAAAGTCTATTGTTCTTCCCAGGTGAATGCAAATTGGTCTTGACTCTCTGC
  GGCAATGGGGATGCTGAAGAAGGCATTGGTTAAATCAATAACAGAGTGGTAGTGGTATGTG
  GTCCAGTGCCTCTCCCACCCTCTTTAGAAGGGAGGTGATATTGGGAACATGTGCATACGT

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TGGGGGGACTGCCTTACTTAATTCCCAGTAATCTAGTGTCATTGTCCATGTCCATCAGG CTTCCACATGGGCGTACATGGCTGTTGTATGGGCTGTGCACTGGCCTTGTAATGCCTCC [T,C]

GGTTACTGAATCCCCCTGACAAGAGTTTCTGATTCAGTAGGTCTGAGCTGGTGCCTGAGA
ATGCTAACAAGTTCCCAGGTGATGCTAATGCTGGTGCTAATGCGGGCTGATCTGGAGACCA
CACTTTGAGAGCTATTGACCTATAGGGCATTAGTTCCTAAACCTCATTATGCATCAGGCT
CACCTGGGAAACTACACATTCACTCATGCTCACAGTCACATTCCCAACTCATAATTAAGTG
TTTAAGGGGAGTTAGGAAGCTGGAGGCAGGATCTATAATGTTTTCCAAGTGATTTTGAAGC

37907 GCTATTGACCTATAGGGCATTAGTTCCTAAACCTCATTATGCATCAGGCTCACCTGGGAA
ACTACACATTCACTCATGCTCACAGTCACATTCCCACTCATAATTAAGTGTTTAAGGGAG
TTAGGAAGCTGGAGGCAGGATCTATAATGTTTTCCAAGTGATTTTGAAGCAGCCAGTCTT
GCCCTTGTCTGTGATTGGACATTTGATTCGCTGATTTAGGCAAGTGGTTCTCCCAACCTAT
GTAAGAAGCATTTGTAGAGCTCGTGAAAACACAGTTCTGGGGTCTATCCTGCTGATTCCT
[G,C]

39942 TTTTTAGCTCATTTGTCCCTCCACCCCCAACTAGCTTACTTTAACAGGGATTTATGGAGC
ATCTGCTATGTATAGTAATAGTCCAACTCTTATGAAAGGTTCTGTTTCTAATATTTTTTAC
TATTTTTCAATTCTGTCAACGTTGTTTTCTAAGTTAGAATTAAAATATTGATACTGTAG
AAATTTGATATTTTAAAATAAAGTCCAGGGAAATAATGGGACTTATTGCAAAGCTTATGG
TGAGCTCTACATTCAGATGCTATCATTATACTTTATCAGCTGATAAACATTGAGCAAGCT
[G,A]

TTCAACCTCTTGGGTTTTATATCCTCACCAGCTAAGTAGGGATAACACTATATGGTTTTA
AGAGTTCTTATGAGGTTTAGTAATATAGCCTGGCAGCAGTGGTGATGGTTATATAGGCC
CTTGATAAGTGTCACTTAATTTCTCCTTTTCTTCTTTAGCCTCTGGAAAATTGATATTTA
AACATTTTCTAAAAATTGTATTTTACGTATATTTATGCATTTTCTCTGGTAGAAGCTTGTT
TGGATTTTTGCCAATTTTTCTGATATGAAGTGTTCTTGATTATCCTAGTATAAAAGATAGG

ÄTÜCTCACCAGCTAAGTAGGGATAACACTATATGGTTTTAAGAGTTCTTATGAGGTTTAG TAATATAGCCTGGCAGCAGTGGTGATGGTTATATAGGCCCTTGATAAGTGTCACTTAAT TTCTCCTTTTCTTCTTTAGCCTCTGGAAAATTGATATTTAAACATTTTCTAAAAATTGTA TTTTACGTATATTTATGCATTTCTCTGGTAGAAGCTTGTTTGGATTTTGGCAATTTTTCT GATATGAAGTGTTCTTGATTATCCTAGTATAAAAGATAGGGAAATCTGGCAGAATCCTTT

54112 GTTGAAAAGTCTTAAGTTGAATCCTAAGTCAGGGACTGTCTTTATCACTGAATATTTTTT
AATGCTTCTGCTCCATTTAACTAATGAGGATGTCGAGTAGTAAATCGACCCAATTTATCA
TCGTCTTAGTCCAGTTTCTGCTGCTATAACAAAATACCACATACTTGGTAATTTACAAAG
AACAGAAATTTATTTCTCACAGTTCTGGAGGCTGGAAAGTCCAAGATCAAGGTGCTGGCA
GGTTTGGGCTCAGTCTCTTTGCATCCAAGATGGTGCCTTGAATGCCATATTCTCTAAAGG
[G,A]

GAGGAACGTTIGTIGTCCTCACATAGCAGAAGGGTAAGAAAAAGGGCAAGCCTTTCTTATAG CTIGTATTAATCCATTCATGAGGCTGGAGACACCTCTCATTAGGCCTCACCTCCCATCAGT GTIGTCATTAGGGATTAAGTTTTAACATGAGTTTTIGGAGGAGACAAAAACATTCATACCAT AGCAAACATAAACATGTCAAGAATTIGTAAAGGGTCTGAGATTTTACTCTACITTTACTCT ATTCTAACAAATTTTIGTGAGTGGCTGCAGAAGAGTCAAAGGAAAGAATATTGCAGCAACA

56564 GTGCAGGCACAGGCACCGGCTCTGTGTGAGGATGTGGCTGGACCAGGCATACCACAAGTG

TTTTCCACCGTGGGCACCAGGTAACGTGGTGGTACCTGGAAGCTTGGAGATGTTGGAAAC 10/506549 ATCTGGGCTCCCCAGAGGGCCACAGCTCCTCTTCTTCTCATTGCCCAAAATGTGGTGACC AGTGGGCGTGTTTCAGTCCTGTTTGTGTTACAGCTCTTTCAGTCCTGCCATTTGGAAGGT

[T,C]

CTGAGTTCTTGTCCAGCCTTTAGGAAGAATGAGGTATGTGGACAGCTGGAGGGTGAGCAA GGCAGAGAGGAGCTTCATTGAGCAAGAGAACAGCTCTCAGGAGACCTGAAGTGGGTAGGT GGGGTAGCTGCTGTCCACAGGCAGGCCATCCTCACAAATGTCTAGCTTTCCGCAGAGAGG ACACCTGGAGTGGGTAGCTCCTTTCTGCAGGTAGGTCATCCTGATGAGTGTCCTGCTGTC

56577 CACCGGCTCTGTGTGAGGATGTGGCTGGACCAGGCATACCACAAGTGTTTTCCACCGTGG GCACCAGGTAACGTGGTGGTACCTGGAAGCTTGGAGATGTTGGAAACAGCAGAGCCCCAA AGAGAGTGTCACAGCTCTGGTATCACAGCTCTGATCACAGCCCTTGCATCTGGGCTCCCCC AGAGGGCCACAGCTCCTCTTCTTCTCATTGCCCAAAATGTGGTGACCAGTGGGCGTGTTT CAGTCCTGTTTGTGTTACAGCTCTTTCAGTCCTGCCATTTGGAAGGTTCTGAGTTCTTGT [C.G]

TTCATTGAGCAAGAGAACAGCTCTCAGGAGACCTGAAGTGGGTAGGTCCTTCTGCCATCA GGTCGTCCTGATGAGCGTCCAGCTCTCAGCAGAGAGGATACCTGGAGGGGGTAGCTGCTG GTAGCTCCTTTCTGCAGGTAGGTCATCCTGATGAGTGTCCTGCTGTCAGTGGAGAGGAGA

62685 TTTTCTGGTTTGTATGATTATGGACAGAAAAGATACGTGATATGATTTTAGTCTTCTTAA ACTTTTTAGACTTGTTTTGTGGTCTAAGATATGATCTATCCTTCAGAATGTGTCATGTGC **ACTTGAAAAGAATATGTATTTGAGAGCCCCATAGATGGTTCACATCACAGGACTCTGTAC** [G,A]

GACAACCCCCAGTACCAACCCAGAGCTGGGTAGACTTGCTGGGTGGCTAGACCTAGAAGA CAGACAACAATCACTGCAGTTAGGCTCACAGGAAGACACATCCATAGGAAAAGTGGGGAG AGTACTACATCAACGGAATATCCCATGGGACAAAGGGATTCGAACAACAACCTTCAGCCC CATGCCAAAACAAGGCTCTTCAACACCCCTCAAAAATCACACTAGGGATGTGTTTCCATT

66226 TTATCATTATATGATGACCTTGTCTTTTTTTGACAGTTTTTTGACTTAGTCTATTTTGTCT AATATAAGTATAGCCACCCCTGCTCTATTTTGATTGCTATTTTGCATGAAAAATTGCTATGA AATAGCATGATTGCTATTTATGCAAATAGCAATCAAAATAGAGCTGAAGACTCTATTTTG AAAGTCTTCAGACTCTTTAAGAACACATATAGAATACTTTCACTTCAGCTTTAACAATGC ATATAGAATACTTTAAATTAAAATCTTTAAATTAGAGTCTCTTATGGGTAGCATAATTTT [G,T]

AATCTTGTTGTTTAATCCATTCAGCCACTCTGTCTTTTGACTGGAGAATTTAATGTTCCA TTTGAAGTAATTATTGATAGGTAAGGGCTTACTAGAGCTATTTTATTGTTTTCTGTTTTG TTTAGTGATATTCTTTGATTCTTTTCTCTTTATCCTTTGTGTATCTATTACATGATTTTT CTTTGTGATTACTCTGAGGCTTACATAAAACACCTTCTAGTTGAAACAGTCTATTTTAAG

69242 TGGGCATCCCAAATTGCCGGGATTACAGATGTGAGCTACTGTGCCTGGCCTGTTTCCTTA TTTTTGTTCTCCACCCAGGTACTCTAATCTCTCACTTGGATTCCTTAGCTGTTGTGAAGG TATTTTCAAGTGTGGGCAATTGTTCAAGCTGATATTTCTGTGAGGAAAGAGCAGTAGAAA AACTCTACCATTAGAATTATTTGAAAACTTAGAGCCTTGTTAGAGAGTCTGGCCTAGTTG [T,C]

ATCCTTTACCTCACTGTGTATAGGCGTTTCAGTATCCATAGTTCTCTTGGTCATTAACTA TTAAAGAGGCAGGAGCTCTCTCTGTCTTCCAGGCTGGAGTGCAATGGTGCAGTCCTAGCT CACTTCACTGTAGCGTCAAATTTCTCTGCTCAAACGATCCTCCTGACTCAGCCTTCTGAG

ATAGAAAACCTGTTTCAAATGGCTAGTTAATTATCAACATTTAAAAAATAGTATAGTGGG 71663 CATITAGCATGTTTTCAGAAAAGATTTTAGTGCATAAAGTTAAAATTTCCAAATCACACT TGCCTAGTTATATTTAAGTTTGCAAGAAAGGTGCTAGGATGGAAATATTGCCAGTGAAAA GTAATGTTTCCTTCTTTTGGAGCTTCTGAATGGTGATTACAGTGACATTAAGGTCAAATG [T,C]

GTTTTCTTTACAGCATGAATCCTTACAATCTAGGAATATGCTAATATTCATTGTGAAATT CCAATTTTCTTATCCAGAGATAACAGCTGTTAACATTTTGTTATAGTTCCTGTAAGATTT TAGAGATGGAGTCTCACTCTGTCGCCTATGCTGGAGTGCAGCAGGACGATCTCAGCTTAC TGCAGCCTTCACCTACCAGGTTCAAGTGATTCTCCTGCCTCAGCCTCCCAAGTAGCTTAG

72277 GCCACCATGCCTGGCTGATTTTTTTTTTTTTTTTTAGTAGAGATGAGGTTTTACCAT
GTTGGCCAGGCTGGTCTCGAACTCCTGACCTCAGGTGATCTACTCTCTTCAGTCTCCTGG
AGTACTGGGATTACGGGTGTGAACCACAGGGCCTAGCCGTCTTTGTATATTTTAATGTAG
TTAATCTTAAGATATATGTAGTTTTATATTCTGCTTTTTTCACTTAAAATTATGTAGTAAA
ACATTTTACATTAGAATTTTGTTGGCAAAACTTTTTAAATGACTACACCAAAGACTTTTAT

[A,G]

TGGATAAACTGTAATTGGTTGATCCTTCTTTAGTCTCAAATATTTAGGCTTTTGTCTATT
TTTCCATACCATTGTTATAAAGATATTTGTGTGTAAATCTTTGCATTTATGATTTTTAGA
AATAAAAGTATAAGACTAAAATGTATTATTTTTAAAGCTTGTGACAAAATATCAAGCTTTT
GTTTTCAGAAAGGTTATTCTAATTTATGATATATGACAAAAATTTAAAAATTATAACAACC
TTAAGCAGGAACTCAATTTTCACTTTGGTTATTTTCTTTTTACTTTTCACTAGAGTTTAT

ACACATATTTGATATAGTGTATTTTCATTTCCATTTAGTTCAGCATATTTTAGAATTTCC CTTGGTACATCTTTAAATTATCACAGTCTACCTTTAAGTGTATTATACCATGTGTACAG TATAAGAACCTTAGAACAATATATTTCTATTGTTCCCCTCCTGGCCTTTGTGCTATTGTT GTCATATGTTTACTTTTGCATATATTGTAAACTTCAAAACATACTGTCATCAGTTTTGCA CTAAACAGAGTATTTTCTTTTGAAGAGTTTAAATATTAAGGAAAAGTGATATTTATATGT

101668 TTCAGTCTTGCTCAGAGTTGTCCAATCTTCTGGCTTCTCTTGTCCACATTGGAAGAATTA
TCGTCTCGGGCCACACATAAAATATACTAACACGGGCTCCGAGCAAGATGGCAGCCTCCG
AGCCGGTTAGGCTACAGCTTCAATATGATTACCCACTGCCAGCTACCCTGCACTGTACGG
CCTTCCTGGCTTCTGGTTGACTTGAACAGGGGCCGAGGTTGTCACAGATCTCATTAGTCTC
ATCCGCCAGCGATTTGGCTTCCGTTCTGGGGGGCCCTCCGAGGCCTCTACCTGGAGCAGGG
[G,T]

TTCCTGCCCCCCACCGAGAGCGCATGCCTGATGAGAGACAATGACTGCCTCAGAGTTAAA
TTAGAAGAGAGAGAGTTGCTGAGAATTCTGTAGTCATCAGTAATGGTGACAGTACTCAT
TTATCACTTAGAAAAGCAATGAAGTGGGCATTTAAGTTAGAGGAGGAGGATGAAGAAACTAAC

### FIGURE 3RRRRR

Rec'd PCT/PTO Q3,SEP, 2014 10/506549

CCAGATTACAACTATTCAAAGAAGCATTGGAAGAAGCAAGAGTACAATAACAATAATGAG 

103856

ATGTGCTGCATATCTTGTCTCATTAAGTTTTAAGTAACATTTAAAACTATTAAAGCATGT TACTTGACCTAATTTTATAGCATTTGAGTTGTCCCATTAAATGGAGCATCTCGTAAATTT CAAGTATTTTATACTTGGCAATGGTTAAGAGTTAAAAGGTAGTTGGATTTGTCACAGACA ATGAGTTAAGGAATCCTTTCACGTTTTTCCCAACTTTAAAATTAAGGATTCTCAGGGCCC [-,G,T]

ATGTGTGTCTGTCTGTCTGGAGGAGAATTGATTGGTGTTCCACTTGGGTGAGAGGG TTGGCTGTGAGCCTCAGACCAGGAAATGTGTCATCTTGCCAAGCACCTGGCTGAGTGTGC TGGAGTGAGGATTTGAACAGAAACITCCTTTTCTGTTATTATTCACTACAAAGCTTAAGT GGCCAAATATATACTGTGAAAATTGGTTTCTTTTAACAAAAGATCAGATCCCTCCTTCAG 

105833

GTATAGAAATTAGATATAGATGAGACCTTGGATGACTTGACTCAAACCACTTTCAGA CAGATGAAACGTAACTTCTAAATCTTTCTAGAAGGTTAGATTTTACGATATGCTCAATCA CAATATGCAGTTCACATTTTATGTACTCCTAATTTACTTCTTGTTATTCTTGGAATTTTTT TAAAGGATTTTCCTGATTCTTAAATGGTTCTATTCTTTTTTGCAGTTCTTCTGTTAATGA [T,C]

ATGITTTTTATTTTTTTTAGTTCTCTGTTTGTCCTGGCAAAACTTATATTTGGAAAATG TTCTATTTTCAGGTATCCTGGTCAGATATAGGAGGACTGGAAAGTATCAAACTGAAGTT GGAACAGGCTGTGGAATGGCCCTTAAAACATCCAGAGTCTTTCATTCGAATGGGTATTCA GCCACCTAAAGGAGTTCTTCTCTATGGGCCACCTGGGTGCTCTAAAACAATGATAGCAAA GGCTTTGGCCAATGAGAGTGGACTGAATTTTCTAGCTATAAAGGTAGGATGTTAAATTTT

105955

ATATGCAGTTCACATTTTATGTACTCCTAATTTACTTCTTGTTATTCTTGGAATTTTTTA AAGGATTTTCCTGATTCTTAAATGGTTCTATTCTTTTTTGCAGTTCTTCTGTTAATGATA . TGTTTTTATTTTTTTAGTTCTCTGTTTGTCCTGGCAAAACTTATATTTGGAAAATGT TCTATTTTCAGGTATCCTGGTCAGATATAGGAGGACTGGAAAGTATCAAACTGAAGTTG [G,C]

AACAGGCTGTGGAATGGCCCTTAAAACATCCAGAGTCTTTCATTCGAATGGGTATTCAGC CACCTAAAGGAGTTCTTCTCTATGGGCCACCTGGGTGCTCTAAAACAATGATAGCAAAGG CTTTGGCCAATGAGAGTGGACTGAATTTTCTAGCTATAAAGGTAGGATGTTAAATTTTTTT AATCGCTACTCTCTTGGCCTCCCCCAACCCCCATTCTCTGACTCCTACCTTTAGGAGA 

107551

CATATTTTTATTTTCTGGAAGATATTGGAGAGTAAAGATGGGGGAGGAGACCATTTACA GCATGATCACTTATGGGGAATCACAACTACAGTTTTAAAGGTTTCAGGTTTATTTGTTAT TTTTTTGAGACATGGTCTCACTCTGTGGCCTAGGCTGAAGTATAGTGGTGTGATTATAGC TCACTGTAACCTCAAATTCCTGGGCTCAAGCTATTCTTCTGCCTCAGCCTCCTGAGCAGC TAGGACTACAGGTGTGAGCCATCACACCAGCTAACTTTTTAACATTTTTGTAGAGACAGG [G,T]

TCTCACTGTGTTGCCCAGGCTGGTCTCAAACTCCTGGCCTCAAGCAGCCCTCCCACCTTA TTAAGGGTTGAAGTAATGAGTGATTTTGTCACTTCCCAGGACAACTTGATTTCTCCTTGG TCCTTGTCCTTTTATCATGTGGTAATGGGGATGGCTGTGTTTACTGGCATTTTCTAGTCT TTTTACTCTCATCTCCATTTTTTCTGTTCTTACCTTGTATATTCTACAATTGTATATTCA

119296

GGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACCGGCGCCCGGCCTATGATTATTCT TTTCATGTATCTGTCTCCTAATTAGCCTCAAATATTGATTTTTAGACTATGTATAATCTA [T,C]

GGAGTTTCGCTCTTGTTGTCTAGGCTGGAGTGCAATGGCGTGATCTCGGCTCACAGCAAC TGCTGCCTCCCAGGTTCAAGCGATTCTCCTGCCTGAGTCTCCCAAGCTTGGATTACAGGC ATGTGCTACTACTCCCAGCTAATTTTGTATTTTTAGTAGAGATGTGGTTTCTCCATGTTG GTCAGGCTGGTCTTGAACTCCTGACCTTAGGTGATCCGCCCACCTCAGCCTCCCAAAGTG CTGGGATTACAGGCGTGATCCACTGCATCTGGCCTGAAACAGTTTTTCAAAAAGATTAAT

119555

TEGGGTTTTTTGTTTGTTTGTTTTTTTTTGAGACGGAGTTTCGCTCTTGTTG TCTAGGCTGGAGTGCAATGGGGTGATCTCGGCTCACAGCAACTGCTGCCTCCCAGGTTCA AGGGATTCTCCTGCCTGAGTCTCCCAAGCTTGGATTACAGGCATGTGCTACTACTCCCAG CTAATTTTGTATTTTTAGTAGAGATGTGGTTTCTCCATGTTGGTCAGGCTGGTCTTGAAC TOCTGACCTTAGGTGATCCGCCCACCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGA [T,A]

CCACTGCATICTGGCCTGAAACAGTTTTTCAAAAAGATTAATCATCTTGGGTTAATAGAAA

AAAATCAGGCAGAAAGATAAAACTACTTCTGTCATTACTTAAGGATTCCTGTGTTTATGC TATTAGGTATCTCCCTCATCTTAATTGAATATGATGCAAGGCAGTGTCCTTGGTGGAAGC TIGGATTCTGTCAGTCTGAACTTTGAGATGTTCTTCCTATCCCTTTCTTATTTTTTGCTCTT AACTTTTCTACCCTGATTCTCATATCTTCTAACCTACTCGTCTGTTACCATATTATCATA

121866 TCTGGTGAAGCTTTCCTGGGCATTTTTGTGCTAAAGCTTTTGCTCACTTTCTCAAAACAC
TTGCAGTCAGCAGATATTATTATTCTTTGGAAAGTCAACAGGCAAAATATCTTGAGCATT
CAGAAAAACTGTTGCCATGACCTTTGCTCTTGACCAGTCCATGTTTGCTTTGACTGGACCT
ACTTCTATCTCTTGGTAGCCATTGCTTTGATTGTGCTTTGACTAGAGCCTTGTAGAGCCT
GTGTTTCATTTCCTGTTACAGTTCTTTGAAGCAGTACGTCAAAATCTTGATCCCACTTGT

TTTTTATATTTIGGATCAAGTTTTTIGTTTATTTICTTTAAGATCTCTAAACTTTACAGAAAA
TTTGCAAGAACAGTCACAAACATTTTTTTTCTTCAACCATTTGAATTTAGTTGCTGCCATA
TGCCCCATCACAGCTGAATACTTCAGTGCGTATTTCTACAAAAAGCAAATTCTCTTACAT
AACCACAGTGTAACCATAAAATTAGAAATGAGCATTATTATTGTCACTCAAGTTTTGTCA
GGGGTCCCAATAATTTCCTTTATGACAAAATAAGTTAGTCCAGAATCATGTGTTGCATTT

GTCTCAGCACAGATAGGATAGTTCCTCTACTGCACTGGGCGGGGCTTAGACTGGGTCTCC
TCAGGATATGTTGTGGGATAGAGGCTGGTGAGCATGTCGGGGAGGATCAGAGTCCCAGGC
CATGAGATTTGTGTGAATCTCCCCCCTGGTTTCTTGTGTAAGCAACTATAAGCTGGGACCT
CAGCTAGGGAGGCCTGGAGCAGTGTCACAGTTCAACTTCCAGGTTCACTACTGAGACCAG
TTATCAGTGGGCTGATGAGCTTTTCTGCCAAGGCATTAGTGTGCATGATTTCTCTGAACC

### FIGURE 3TTTTT

PCT/US03/06670

[-,A]
CACACACACACACACACATCAGAACTGTTCATAAGTATGTTTTTTTCCTCTACAAATGTA
TAGCGGTCCTTTAATATGTTCTACAAGTGGTTCATGTTGGGTAATGTAAATTCATGTACT
TTGTGCATAGCTTCTTGATGTGTATATTGATTATAAAATTTTTGCTGGTGGTAATTACAG
TGAAGGGTGAAGACAACTTACAGGTGTCAGTAGTAAGTGTGATATGAAACATTGCTGTTA
TCATCCTTCTTAATTAGAGCTGCCTCATGTGATGAGAGTATAAAATTGTCATTAGGAACCT

142214 TAGATTCTTTGGGACTTGAAGAATAAATAAGCCTGATATTTACTTCTCTTCTGTGTGTTC
ATTTAAATTACGGCACCTTTGAATAAGAATTTTTGTCATATTTTATATTGTAAGAGGAAA
TGCTGCATGATTCTTTTTTCAAAGTATTTTACTACATTTGGGAAAATTAAAAATGCTGTT
AAGGGTAACATAGCTCTTTGGAAAATGGATAATAGATAGGGAGGTGAGACGTTGAGGGAG
GAAGGGGAGTTGAATTATACTGGGCTAATAATAATATTAGATAACATTCCTTTAGTGCTT
[C,A]
TTACATACTAGAAACTACTTACATTGCTTTACAGTAAAGAAAAACTCACAGAAAGGTCCC
TGCATTAATGCAAAGTAGGATATTATACAATTGGCAGTTGACTCTAGTACTTTTTCAC
CTCCTGACTAGCTTACATTTTTTACCTTTTTCAAGGTTATGATGTGAGTAGAGCAAAC
TGGGCAGTAAATTATTAGTCAACCTTGTCTTAGGCAACAATCCTGTCATCAAAAGTGCAG

145778 GGGGTAAGCACATTTTTTTTCTGAAACAGTTCAGTTAGTAAATGTAGTCTCTGTTACTGC
TATTCATCTCTGTTGCTATAGTACAAAAGCAGCATGGAAAATATATAATCAAATGCGAAA
ACAATTGGTTGGTCAGATTTGGTCTGTGCCTATAGTTTGCCTACCCCAGTTTTAAGATAC
CGTAATATCCCTTTGATCTGTGGTCGTATATGTCTTTTGAATAGCAATAATTTGGAAAGG
GGGCTTGACTTTTGAAAGGAAAAGAAAGTTAATGCTTTGGGAATGTCTGGCTTATATATT
[A,G]

ACATGTAGGGTTGGCCCAGTCTCCTCTGACTGACGAAATGAGTACTGACTAACCTGTAGA

CGCTTCCTGGGTTCAAGCGATTCTCCTGCCTCAGCCTCCCGAGTAGCTGGGACTACAGGC
GCCCACTACCACACCCGGCTAAATTTTTGTATTTTTAGTAGAGATGGGGTTTCACCGTGT
TAGCCAGGATGGTCTCGATCGCCTGACTTCGTGATCCATGCGCCTTGGCCTCCCAAAGTG
CTGAGATTACATGCATGAGCCACCGGCACCTGGCCAACCTCCAACCTTCTTGATACACTATC
CCCTTTATTCCTTGGTTTCCTTTCTTCTTCTCTCTGATACCCGTAAAATTCATATATTGAAG

AAAAGGAAAGGCAAAACAGAATCTAAAACATTTAGATGTATTGTTGACATTTTTAATGAG

FIGURE 3UUUUU

[A,T]

TTTTTGTATTTTTAGTAGAGATGGGGTTTCACCGTGTTAGCCAGGATGGTCTCGATCGCC CGCACCTGGCCAACCTTCTTGATACACTATCCCCTTTATTCCTTGGTTTCCTTT CTTCTTCTCTGATACCCGTAAAATTCATATATTGAAGCCCTAACCCCGAATGTGATGGTA TTTAGCGATGAAGCCTTTGGGAGATAATTAGGTTTAGATGAAGTCGTAAGGTTAGTTCCC

TTTAATATATATAGATCTGTAGTGATGTGTCCTCTGTCATATCTGATATTAGGAATTTAT 162146 GTCTTTCTCTTTTTTCGTAGATAGCCTGGCTACAGGCTTATTGATTTTATTGATTCTC TGAAAGGACCAACTTTTAGTTTCATTGTTTTTTTCTCTTTTGACTTCCTATTTTAGATTT CATTGATTTCTGCTCTAATTTTTATTATTTCTTTCGTTCTGCTTACTTTAGCTTGCTCTT CTAGTTGCTTAAGGTGAAAGCTTAGTATTGATTTTAGATCTTCTCTAATATATACTCTCA [A,G]

TACTATAAGTTTTGCTTTAAGTACTGCTTTCTCTGCATTGACAAATTTTGATAAGTTCTA TTTTCTTTGTATATTTATAGACAATAGAACTTTGATAAGTTCTATTTATATATTATAGA TGTGTGTGTGTGTATATATATATAAAGAGAGAGAGACAGAGACAGAGACAGGGTCTTGCT CTGCTGTCCACACCTCAGTGCAGTGGTGTGATCACAGCTCACTAAGGCCTCAACCTCCCT

163621 TCTGTTCTTTAATTGGTGCATTTAGGCCGTTGATGTGTAAAGTGATTATTGATATAGTTG GATTAATATCTACGATATTTGTTACTGTTTTCTATTAGTCGCCTTTGTTCTTCATTCCCA TTTCTTCTTCTTCATGGCTTTAATTGAGCATTTTATGTTATTTTATCTCTTT [A,G]

TTTTGCAATATATTTCTACTTTCAAATAGCCCTATTCACTTCACAGGTAGTGCAAGTACC TTATAATAAAAAAAATTCCTAAGTTATCCTTCTCATGTCCCTTGTATCATTTTTGTCATT CATTTCACTTGTCCGTAAACTATAGGTATCAAATACATTGTTGTTATTTTGAACAAGCTT TTCTTAGATCAGTTAAAAGTAGGAAAAATTAAAGTTTTTATCTTCTTTATTTCTTCTTTC TCTTTCTTTATATAGATCAAAATTTCTGACCTATATTTTCTTCTTCTTCTGAAGAACTTTAA

164329 COCTOGACATATGACTTCTTAAAGGTTTTTTTAAAAAATCTTTGATTTTTCTGCCTATGTGTA **GCTTTTGTTIGTTTGTTTTACATTTATTCTGCTCAGTGTTCACTGGACTTCCTG** GATGTGTATCTGACATTAATTTGGGGAAATTCTCAGTGAATGTTTCTTCAAATATTGGTT [C,A]

TCTTCTTTCTTTTGGTGTTGCTATTACACATGCTACACCTATTTGCTTCATAGTTCT TAGATATTTTGTTCTGTGTGGTTTTATTATTTTTTTTTAAATCTAGTCCAGTATTTTGT TTTCATAAAGTTTTCCTTATCCTTGCTTTTCAGTTTTGGAAGTTTGTATATACATATCCG TAAGTIGCAGAGATTICTTTICCTCAGCTIGTTTTCCGGTTTGACTAATGAGCCCCATCAGATGTAA TCTCTATTTCTGTTACAGTGTTTTTGATCTCTAGCATTTCTTTTTTATAGCATTTCTTTT

164414 AATTCTTGCTCTTCTGTAAGTAAGGTGGTCCCCACCCCTCGACATATGACTTCTTAAAGG ACATT TATTCTGCTCAGTGTTCACTGGACTTCCTGGATGTGTATCTGACATTAATTTGGG TATTACACATGCTACACCTATTTGCTTCATAGTTCTTAGATATTTTGTTCTGTGTGGTTT

> ATTATTTTTTTTTAAATCTAGTCCAGTATTTTGTTTTCATAAAGTTTTCCTTATCCTTG CTTTTCAGTTTTGGAAGTTTGTATATACATATCCGTAAGTGCAGAGATTCTTTCCTCAGC TGTTTCCGGTTGACTAATGAGCCCATCAGATGTAATCTCTATTTCTGTTACAGTGTTTTT GATCTCTAGCATTTCTTTTTTATAGCATTTCTTTTTGATTCTTGCTTAGAATTTCCATCA CTCTGCTTACATTACTCATCTTTTCTTACTTGTTGTCTACTTTGTCCATTAGAATCCTTA

164418 CTTGCTCTTCTGTAAGTAAGGTGGTCCCCACCCCTCGACATATGACTTCTTAAAGGTTTT TTATTCTGCTCAGTGTTCACTGGACTTCCTGGATGTGTATCTGACATTAATTTGGGGAAA ACACATGCTACACCTATTTGCTTCATAGTTCTTAGATATTTTGTTCTGTGTGGTTTTATT [A,-]

TTTTTTTTTAAATCTAGTCCAGTATTTTGTTTTCATAAAGTTTTCCTTATCCTTGCTTT TCAGTTTTGGAAGTTTGTATATACATATCCGTAAGTGCAGAGATTCTTTCCTCAGCTGTT TCCGGTTGACTAATGAGCCCATCAGATGTAATCTCTATTTCTGTTACAGTGTTTTTGATC TCTAGCATTTCTTTTTATAGCATTTCTTTTTGATTCTTGCTTAGAATTTCCATCACTCT **GCTTACATTACTCATCTTTTCTTACTTGTTGTCTACTTTGTCCATTAGAATCCTTAACAT** 

165385 GGAAAGGCTAGAGAGGGCTGAAGTTGGGTATTTCTCTTCTCTCTGGGTCAGTTGGTGTCTA

169409 ACTOTICAATATICIACTICCCCAATOTIGTATCTTACTTTTAGCATATTTCTCTAGAGAAT
TGAAGTTTTGAAATTCTTTGTTTCATCTAATTTATTCTTCCAGAGTTTTCAACATTTTCA
TCTATACGAAGGTACATTCTAGCTATTTAGCAAGTACTAGTTAGACTCCAGTTGCCCATCA
ACACAAGAACTTTGAAGAAGTACTGTCCTAATTGTTGTTTTTAAAGTAATTAAGAATAAAA
ATAATGGATTATTCTATTTTTTAAGAAGTTAGTCAGGCTGTCACATTAAATTAAGTAGT
[A.G]

TAGGTGCAAAACCAGTCTTTTTAAACTATTACTACCACTTTTTCCCTAGGTCATAATTTA
ATAAAGGAGTTCAGTAATTTAAGTTCCTCATCTATATCTAATATGTAATATTTTATAAGG
ATTTAAGTTGAGTAAACATTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTTGTTGTTG
CTGGCATTATTGCCTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACAC
ATTCTTTCAGTTTTAAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTAT

TTTTAAACTATTACTACCACTTTTTCCCTAGGTCATAATTTAATAAAGGAGTTCAGTAAT
TTAAGTTCCTCATCTATATCTAATATGTAATATTTTATAAGGATTTAAGTTGAGTAAACA
TTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTTTGTTGCTGGCATTATTGCCTTGT
GTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATTCTTTCAGTTTTAAAA
GATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTGGCAAGAAAGCCCTTGC

GTAATTTAAGTTCCTCATCTATATCTAATATGTAATATTTTATAAGGATTTAAGTTGAGT
AAACATTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTGTTGCTGCTGGCATTATTGC
CTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATTCTTTCAGTTT
TAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTGGCAAGAAAGC
CTTGCTTTGGTTAGGTATTTTGCTATGTGGTAAAAGTCCTTTGGTAAAATTCAGGAAAGC

169833 TAAGTTGAGTAAACATTTGCTCTCAGAGCGTGAACCAGTTTCTCTTTTTTGTTGTTGCTG
GCATTATTGCCTTGTGTATGACTTTATGAGCTACTTTCTTCCTGTGTACATATACACATT
CTTTCAGTTTTAAAAGATGTGATTTTTAAAAAAGACCCCTTTGAATGTAACTATTATGTG
GCAAGAAAGCCTTGCTTTGGTTAGGTATTTTTGCTATGTGATAAAGATCCTTTGGTAAAAT
TCAGGAAAGCCTTTGGACCTTAAAAAAATCATTCCCTTCCTGATGCAGTATTTTATTAGAAG
[A,G]

TAGGTGAGTTCTGAGTATTTATAGAATCTGGGTTGGTGTAAGGCATCTCTGAAGTCTAT ACAAAGTATAAGACTGTATCTTAACAAGGACTGTAGAAACTGCTGAAAGAGCCCCTTAAAG TTTACCTAATTCTGCCTCTGGTTTCACAAATAAAGGGTGCTGAATCCAGAAAAATCTTTC TCCTGGTAAGAATTCATTGTATTTTTATGATATTTATTTCCTGGTTTCCCTGTGGTTAAT AAGCTCTAAAATGTCTTAGGATTTTTGTCACTACGGCTTAATCTAATAGTAGCCTTCTTT

FIGURE 3WWWWW

174593 ATTICTGTGAATATCTTTGAATTCAGTTTATTTGGGTACTTTTAGTACGGATACCTACTAT
ATAACAAGCTCCTAATAAGAACTATTAAATTATAAGCATTATCCCTAGCGTATAAACCTA
GTTTTCTTGTAGTAGGAAAATTTGAAGGACTTCAAAAATTTTACTTTAAGCCATCTATGGA
AAAGATTGCCCCAATTGAGAAAAATTGTGAAAGATATGTAGAAGTCTTAAATAATTTTGGT
TTCAGGATTATTTTCTATTGTTGTGTTAGACTCATGGAGGTAGTAAATTTGGCATTAATTT
[T,C]

**FIGURE 3XXXXX** 

CAAAAATATTAACTTTTATGGAATACCTTTATTTTTCCCCTATGAACTTGAGAAAAATGAG TTTTTATTAGAGGCTGTAGTATAACACTAACTAAAATGTAGTTTGGAAAGTTTTATTGAG 10/506549

205541 CTCTTCAGTTGGTAAGCTGATAGAATTGTATTACTGTTTAGCCACGGAAGGTAAACAGTT
TTTTTTAATAAATTTAAATAAAAGGAATTAATTTTTTTAGATCATGAAATGCTTTATTAT
TTGGTGTTTTTGATGGATGGCCACTTTACATAGAAATTTGTTTTTTCTGCCTCAGAAGCA
GTATTTCTGTTAAATTGCCCTGTTATTAATTAGGCTATTTTTATTCAAAAATATTAACTT
TTATGGAATACCTTTATTTTCCCCCTATGAACTTGAGAAAAATGAGTTTTATTAGAGGCT
[G,A]

TAGTATAACACTAACTAAAATGTAGTTTIGGAAAGTTTTATTIGAGTTTTTCTTCCTTAACC TTTTCTTTIGGCTGGCTGCAAACAACTAGTGATAATGTGTTTTTTAGATGTGCTTATTTTCA CCTCTTCCTCCTGGAGGTTAAGCTAGTACTCATTAAGGAAAAAATACAGTTTATACTAAA CAGTGTTTAACATATACTGATGGTATTACTGTATTTCCTGTTTTTGTGTTCACAATGAGAA GATTCTGAAAAACTGTCTTTGTGTAAATACTTTACTGACATACCAGACAAGTATAATCTT

ČTTCAGTTTCTTCATCTTGTAAATTACACAGGAGTCCTTCAGATAAAACTCACTG
GTTATATGACAAATTAAGCAATTAGATTACTGCACACCTAATAATAGTAGCAAATTAATGC
ACTTTCAATCTGCTAATATGTTAAGCACTTTTCATTATCTCTTTCCTTTTACATAAGGGGA
ATCTGAAGTTTAGGGAATTTAAAACCTTCCACAAAGTTAGTAGTCAGTAGTTTATATACTA
GTATTAAATCTGTTTAAATCCAAAGCCGGTGACATTAACAGTTTCCAAACGATAATAACA

PCT/US03/06670

136/154

10/506549

- 224830 AATATTTTTATTCTTTCAGATCACAAGGGGTGGATGCCAAACCTCTCATTTTTTTCCTCA
  TGATTACACTACAAGGCAAAGCGCACAGGGTTTGAGTTCGTTGCAGTTGCTAGGGACATA
  CACCTAGGGACTGACTACTAGGGCAACCTATGCTGTCACATTGTTCACATTGTTCACAGTTATTTT
  CGGTGAGCAAAGATCTGTCCCAACAAATGCCCCATACTCCTTTCACTTCCAAGTTATTTT
  CTATCCTAAACAATTTTTCCTTCCTTTATACTGGAAACTCCAAGATCTATAACATTTTAT
  [C,G]

- 231789 TAAGCACAATAAAACCACAGTAGGGCATATCCTAATGAAAACTGTTGAAAACCAGTGATAA
  AAAGAAAACTTTAAAAGCAGTCAAATGGAAAAAGAAAAAACCACACACTTAAATAC
  AAAGGAAAAAAAGTAATAATTIGTCATTAAACTTCTTGGCAGAAACAGTGCAAACCAGGAGG
  CAGTGGAATGCTGTCTTTAGAGTTCTTAAAGAAAAAACTGTTAATCTAGAATTCCCTTTC
  AAGCAAAAAATATCCCTTAACATATGAAAGTIGTAGTAAAGACATTTGTCTTTCAAAGACTT
  [T,C]

PCT/US03/06670

10/506549

GAÁGTTTGAACCAGGGGTAGAATACTGAAACAAACATGTTAAAAGATGGGGTCTAGGCTT
CACATTACGTACGTAACCCTTCAAGGGCCTATTCTCTATGCTGTAGCTTTTCAATTAATG
TCAATAATAGAATTCTTAGTACAAAATTCCTAGATACCTAGTCACCATTTTTAAACATTA
GCTTGTCAGGAAAATGTGCCAAAAAGTTCCAAAACATGAAATTACAAATAAAAACTTAGA
AAATAATCCCTTTAGCAATTGGGAACTGCCTCAGTACCTACTCAGATTGGAAACCCTCAA

> CTCAGGCTGGAGTGCAGTGGTGCAATCTTGGCTCACTGCAACCTCCCAGGTTCA

#### FIGURE 3AAAAAA

10/506549

AATTATTTCATGTGTGTAACTTACTTTCCCAATAGAAATTTAAGTCTTTGAAGAGAGAA ACTGTATTATTGGATATTTTTTGTTTTTGAGACAGAGTCTCGCCCTGTCACCCAGGCTGG [C,G,T,A]

GTGCAGTGACACGATCTCGGCTCACTACAACCTCCGCCTCTTGGGTTCAAGTGATTCTCC
TGCCTCAGCCTCCTGAGTAGCTGGGATTCCAGGCACCTGCCACCACGCCCAGCTAATTTT
TTATTTTTGTATTTTTAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTTTTATATCCC
CCACTATGTCTAGCAAAAAATGTAATTGTATAATTATCTCAATTAAGATTTATTGAAATGC
TTTAAGTTTTTAGATTCTAATTGAAGTCTCTATGCCAATACTTTATTACTTTTTTTGGTT

GTAGAAACĀGAGTTAGGGTTCGTTTTTGGAGGTTCTAACAATTGTAATATTTTTAGTAGTT
ACAAGTAGAGCTCTGTCATTCCCATCATCTAATTATAATGTGCAAAGACTGATTGCATGT
ACTCTTTGACTACAGTTCTTTGGCACTAATAACCCTAAACAAAGCTGGAGGGGGCTAATTAC
CTCCTTTTCCTAATCTGAATTTTGATGTGCTTTTTGAACTAGTAAGTCTTCTGGCATTCTA
AGAAGACTTACCCCATCACTGGGGAGACATTTACTTCAGCATTCAGAAAACTAGATTTTT

249117 GATTTCAACCACACTGGCAGGTGTGCCCAGCTCTGCCCTTTGCTAGCTGTGTGACCCCTAA
AAATGTTACTTAGCCTCTTTGTATTTCAGTTTCCATGTCTGGAACACGGAAGTAATACTG
ATGCCTCCCTTGTAGATTTTTGTAACAATTAAAGCAGTTAATGCTTATAAAAGTTCTCAG
AACACCCTGGCACATAGTAAGTCTGTTGTTATAAAATATTTTCAACATTATGACTGTTTTT
GTCAGGATGGGTTTTTTTAAAGCAATGCATAAAAGTACTATAAATATATCATTTGTTCTAT
[A,G]

250289 AACAAAGTAAGATGTGTGCAGCATTCATCCTAACACTTTATAAAAATTGTTATAGCCCCT
ATGGGGCAGCATACACAAGATAAGTTAAATAATGTAGTAGTTGAGACCATGAGAAGGAGT
TTTGTCTGTCTATTTAATAGTCTTTGCATGATAAATTAGCCTTCCTAGCTTTGAAGGCTTC
ATTAGTCTTAATTATCCAGAAAGCATAAACTTAGCCATCAAAGTGTATCCCTAATAACGT
TTTACATCTTTAGTGAAATGTTGCCTCTTTAATCTGTACCTAAACCAATTTCACTATCTT
[C.T]

CTATAATCTATAGGCGAAAAAGAGCATTAGCTTAGACCATCAAAATGAAATGATTCAGGA ACTGGGTTCAGAGGCAAAACATTTCTCACCCATTTTATGGGGCCTTTAGGAAATTTTCTT TCATTTAGTTCACTGTTACTTAAGTCTGTTATTTCAGAAGACCACTACTTCCTATTTTTG AAGTATAAATACTTTAAAGATTTTTCCCATTAAGATGTTGCTTTGTTGGTTTACAATACTG GGACTACTATATAGGAACAGATCATTTTTTCTAGAGACAAGGAACAGAACTTTCTGCTAG

251073 CTTANATAGGITAATAATTGTCAAAGGATATTGAAATGGTAGTCAAAGCCCTCCCCAAAAA CTAAACACAAACACTTGAATAAACAGACACACTTTCCTAAGCCAAATAGATTTTATAGGA CATTGTTACCAGATTTTCAGGGGGTTGTAACTCCTGTCTCATATGGATGCTTTAAAAATAA AAAAAGCCAGGATACTATCTGGCTAATTTTGCAAGGCTTGTACAACCCTAATTCCAAAA GATAGCACAAGAACAGAAAAGTATAGGTCCACCACACTTATCATTACAAGTGTGGGAATT [C,T]

252314 TAACCTAACAAAAAATTATAATAGCTTTATGGAACAAATTACAGAACTTTACTAAAGGAC

PCT/US03/06670

GTAAATGAAAACTTEGTTAAATGAAGAGCTATAACATGTCTATTEGTGGGGGCACATAACA 10/506549 GGGAGCCTCAGTTAACTGACTCTGATGTAGAAAAAGTTTCTTAGATAGCTAAGTCTATTT TGAAATGTATCAGGAAGAGGGATGATTTTTTTCAACCACATTTTAATCCATATTTGTAAA

GTAATATGGAACTGGCATAGAAACAGATGATTACACTAATGAAACAGAAGAGACAGGTCA AAAACAGAACCATGGTGGGGAAAAGGAATGTTGCTTAGTAGGTTCTTGAAGACTGGTTTA CAAAATTTTAAAAAATAAAGTTGGGCCCCTACTTCACATCACATACCATGTGAACTCCACA GAGAACAAGGACTTAAAAGTGACAGGTATAACCACAGAGCTAATAGAAGAAAATGTAAGA 

253696

CGTGTACATATTCTATTGAAACACATTTCAGCTTGATAATGTTGTGTATCCCAGGATGTT TACTGTGGAAGTGTTTCTGGTAGTGTGGGGTTGAGGACAACTTAAGTGTCCATCACTATG AGAATGGTCAAGTAAAATGCAACGGATGCATCCTGTGGAACGTTCTGTAACAGAGCAATA AAATAAATGTTCAGGCAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTG GAACAAGTTGGGTTTATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGG [A,G]

GTGTCTTAGCAAGAGGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATA TGGGGGAGAGCTTAAGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGA CAACGCCATGATTGATTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAG CTAATGGTGTAGTTGGTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGT TTATTTTGTGGCTTGGAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTG

253831

CAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGGTTT ATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCAAGA **GGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGAGAGCTTA** AGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGACAACGCCATGATTG [A,G]

TTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTAGTTG GTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGCTTG GAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTGTCTTGATCT GTTACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTTCAA CAGAATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCATGCTAGTAATAC

253888

AGGCAATGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGG TTTATTCCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCA **AGAGGATGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGAGAGC** TTAAGAAAGTGGGCATTGTACTGGATTGCTTACTTTCAGGAGGCAGAGACAACGCCATGA TTGATTATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTA [G,A]

TTGGTGAAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGC TTGGAGAGTGTTCATATTTTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTGTCTTGA TCTGTTACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTT CAACAGAATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCATGCTAGTAA TACAATACCAGAGCAGCTCTCAAATATCCCTTCTGTTTTTTCAGTACTACAACAATACACA

253894

TGCCCTCCAGCCAGAGACTCCTGGGAACATACACCTGGAGTGGAACAAGTTGGGTTTATT CCTCCTTGTATGGAGGGGTAATGCACACCTTGCAGAACTGGGAGTGTCTTAGCAAGAGGA TGTTAGGAGGGAATTATAAGAGCTGAGCTTGTATGAGATGATATGGGGGGAGAGCTTAAGA ATCTTAATTAAATCATCTGTAAGGAGGGAAGAATTGAGTGAAGCTAATGGTGTAGTTGGT [G,A]

AAGAAGCAGTCACTCTTACTAGCTGGAACTGGGAATATATGTTTATTTTGTGGCTTGGAG AGTGTTCATATT TTGTCCATACCTGAATATGCAGCGGTCTTGTTTTTTGTCTTGATCTGTT ACTGTCACAGAGTGGCCTCGTCTAATGTTGCTGTTCTGTGAAATTGTTCATGTTCAACAG AATACCAAGTGAGTCTCAGACCAGCTCATGATAACATAAAGGCCCATGCTAGTAATACAAT ACCAGAGCAGCTCTCAAATATCCCTTCTGTTTTTCAGTACTACAACAATACACAAGATCT

255016

AATAAAACATGCCCACCAGTGTAAAATGATAGCATTAATATTTTCTTGTGGGAACTTGATT TAGCTTTAAATGTACCCAAAAGCTTTCGAAGTACAAAAGCCCTCATATTAGCTCCAGAGA AACCAAGTTTATTATATCTTAAGGAAAAGATTTCTTCATGAACCTTAAATTTAGTGTCTG TGTAATCATGTTATTTTGTCATTTACTTTTTAACTGTAGAAAAGAGCTTGATTTGATTTT TTTTTTTTTTTTGAGACGGAGTCTTACTCTGTCACCAGGCTGGAGTGCAGTGGCACG [G,A]

TCTCGGCTCACTGCAGCCTCCGCCTCCCAGGTTCAAGCAATTCTCCTGCCTCAGCCTCCC GAGTAGCTGGGACTACAGGCGTGCACCACCATGCACAGCTAATTTTTGTATTTTTAGTAG AGACGGGGTTTCACCGTGTTGGCTGGGATGGTCTCAATCTCTTGACCTTGTGATCCACCC AAAGTGCTCTGATTTGGGAGACCTTGGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCC ACCGTGCTGGCCAGACCTTGATTTTTTTAGGAGTAAAGAGACTTCCTACCTCCACTCTAG

FIGURE 3CCCCCC

256221 GOCTATACTCTAGTGGTAAAGTCTGGGCTTTTAGTGTAACCATCACTGGAATACTGTACC
TTGAACCCATTAGGTAATTTCTCATCCCTTACCCGTCTCCTTCTCTGCCATCTTTCCAAG
TCTCTGATGTCTGTTATTCCACTCTGTAGCCGACATTAATTTTTAAGGATAGTTACTCTT
TATATACTACTTCTGTAAATCCATAACAGATCCCCAGGTTTTTTCCTTGTCTATTAGGAA
CTGTTTAAAAAATTTTGTTTAAGAAACAAATGTATCTCCATTCATATTCTTGAACAACAC
[T,C]

TCTAATTAATGAATTACTCAGAAATTTTIGCTGATGAAAACATGTTATGAAATCTGTATAT TGTATAAGACCTTTGCTTCCCTGAGAGAAATCACTCCCATTGTTTCTTCAGGAACTTATT CTTTCAGACTTGCAGGTTTGAACTCTTGAAAATTTCTATGTGTTTTCTCTCTGAATATTGT AGAAATTCCATGTTTGTTCTATGTAGATAGGATTAAGATGGAACTGTGTTCTAAAAATTG GGTTGTTTTTTATAAATTGTCCAAAATTTACATTTTCCTAAAAAATATATTAAGAATGTTA

256464 TTTAAAAAATTTTGTTTAAGAAACAAATGTATCTCCATTCATATTCTTGAACAACACTTC
TAATTAATGAATTACTCAGAAATTTTGCTGATGAAAACATGTTATGAAAATCTGTATATTG
TATAAGACCTTTGCTTCCCTGAGAGAAATTCACTCCCATTGTTTCTTCAGGAACTTATTCT
TTCAGACTTGCAGGTTTGAACTCTTGAAAATTTCTATGTGTTTTCTCTCTGAATATTGTAG
AAATTCCATGTTTGTTCTATGTAGATAGGATTAAGATGGAACTGTGTTCTAAAAATTGGG
[T,C]

TIGTTTTTTATAAATTIGTCCAAATTTACATTTTCCTAAAAAATATATTAAGAATGTTAGCT TIGCAACCTCTTTTAAATCCATAATATIGCTGACATATTATCTTTIGCAATAAAGAATATTIGG AAAAACAATACTIGCTGCAAGTIGTACAAATIGGTATTTAATTCCACATIGCTCCTIGTIGCTTCC ATCAGTCCCTIGCACATAGGCTTCTCTACTCCTGATTCTAAAGCTCATTTACACTAAAAAG GTTATTGAAAGGTACTTGATCTIGTTTTTGAGCTTAAGAAATAGAGCTAATTGGACAGTGTC

265178

AAATAGGTAGCAAATCCAGTCATTCAAAATTATAAATAACCACTAAAGGGAGAAGTCAAT
GCTCACTTTAGCTTGGTTTCTCGCTGTTGTTCTTTATGGTGTGCATTTGTGTTTACCGTAC
TCTCCGAAATAGCTCTTCACAGCTACTTTATGTATAAGCTCTTTGTCACATCTAATGGAA
CTTTTTTGAAGTTGTTTGCATCAACTTGAATCTTTAGTTGTTCCCTAAGTTCATTCTGGA
ATGGCTGAAACCACTTATAAAGAAGAAAGTATTAAGGGCATTGAGTTACCCCAACGTATTA
[G,A]

### FIGURE 3DDDDDD

CAACCTCCGCCTCCTGGACTCAAGCGATTCTCGTGCCTCAGCTTCCTGAGTAGCTGGGAC
TACAGGTACCCACCACCACCACCACCCAGCTAATTTTTGTATTTTTGGTAGAGACAGGGTTTCA
10/506549

ÁGCAÁCCAGCTIGGAGTCACCGAGCATIGTAGCTIGCCCAGAGCCTCCCTCCCTACATCATIGTIG TIGTAGCTTIGTTCCATATTIGTIGAAGGGTIGTGTATATIGTATATIGTIGCACACACACTGGCACACA AATTICGTATIGCATTTIGTCTTACTAAAGTIGTTTTTTIGTCTCCCCCTACGGTCTTTAACTIGCCT GGTTIGAACCCCCTTCTIGAGACCACTACTICTIGTTTTGAAGGGATCTTTGCCAGCCTCTCCCCTAG AATTIGCATCTCTIGATTICTIGTTTTCTTCAGATACACATTTCTTAATTIGAAGCTAGGACTTA

276824 TGAAATTACCTTTGCTAAAATTGACCTGCAATGTATTTCTTAATATATTTTTCTGTTACTC
GTTATATAATGGAGTAAGATTGTGGTGGGAAGAAACAGACTCAGGAATGTGTTGACACTTT
GCAAGGTTTAGAATCTAGATGAGGCATGAACTTGAATTCTGGAGCTTCTTGTGGTAGCCT
GATTTAACATAGTTAAAGGCCAACATAAAATTAATACTGGCAGACTTGAGGCACAATAGT
ACTGGTGATGCTGTGAGTGAGTGGTAGAGGAAGGAGTGGTCTCTTGAGCCCCATTGATGAAG
[C,G]

CTGGCGGTCTGGGGAAGTGAATCTAAGTCCAAGTGTACAGAATTCATACTTAACCTCTTT GGAAAAGGGCAGACTCCTCCACATCAGAGCTACTCCTTGACCTCTGTGAGTTCCTGATAT TCTGGGTCAGTAAATAGATGATATAGATACAGATATAGACATAGTCATAGGCATAGACAT AGAGCCTGGTTAGGAGTATGAAGTAGATCCAAATCCTGATTTTTAAAATAATAAAATAATGT TAATTACATTATGCAAAATGATTTTTATGCAGTATACATTTGGAAAATTTAATGACCCAC

### FIGURE 3EEEEE

281343 CAGCCTCCTGAGTAGCTGGGATTACAGGTGGGCTCCACCACGCCCAGCTAATTTTTGTAT
TTATTTATTTATTTGTAGAGCGGAATCTTGCTCTGTCACCCAGGCTAGAGTCCAATGGCGGCA
GTCTTGGCTCACTGCAACCTCCGCCTCCTGGGTTCAAGTGATTCTCCTGCCTCAGCCTCC
TGAGTAGCTGGGATTACAGGCACCCCACCACCGTGTTGGCCAGGCTGGTCTTGAACTCCTG
ACCTCAGGTGATGCACCTGCCTCGGCCTCCTAAAGTGCTGGGATTATAAGCGTGAGCCAC
[A,G,T]
GCGCCCAGCCAGTTGTACCTTTTTTATTCCTGAGTAGTTACACTGCTTTATGGATGTACC
AGAGTTTAACCATTTATCTGTCTAAGGACATTTAGGTTGTTCCAGTTTTGGACTATTAT
GAATAAAGCTGCTGTGACCATCCACATACAAACTTTTATGTGAACATAAGTTTTCATTTC
TTTAGAATAAAGAGTACAATTGTTGAATCATATGATATATTAGTTTCCTGTTGCTGCTGCTAT

283572 TAACACAAATGTTGACAATACAGTATAGTAACTATTTACATGGCATTTACATTGTGTTAG
CTATTACAAGCAATCTAGAGATGATTTTAAGTATAGGGAGGATATGCAGAGGTCATACGC
AAATAACTACACCATTTTATATAAAAAGGACTTGAGCATCTGTGGAATTTGGTATCCTGG
TGGGGGTTAGGGAGGGGATTTGGAACCAATCCTCTGCAGATACCAAGACAACTGTATATAC
TTTGTAAAGCTTGTATAAGATGATACTCATAAAGCATTTAACAGATAATGTCTCAATAAG
[-,T]
GTTTTAATTGTTATATCATTACAACTATCACCATTATAATCTCAACAGGGAAAGCCTTTC

AACAAATTACCACAGGCTGGAAGCTTAAACAACACAAATGTATCACAGTTGTATAGCTTA

[T,C]
ATAATAGTTATATTTTTTTTTGAGGACCCTCTGTGCTGTTTTCTGTAATTGCTTAT
AGAAATTGACTAGTTGACATTCCCATGTAGAAAAAGGGATCCCTTTTTTCTACATCCTTG
CCAACCCTAATTTTTTTATCTTCCAACTTAATTTTTTTT
TGGCCTGTCAAATCATGGTAGACATTCTGTGAATAGTATCACTGTAGTAGAAGCCAGAAT
GTTTTATAGAGGAAATGTAGAACAGAAATTAAATCTGGGGAGTCAGATAAATAGAGGTAG

CAGTGTCTCCAAAGAGTTTGAAATGTTGTATACGTTATTTAGAATTGTACTCAGAAGATA

CATTGTTTACAATTTGGGGTAAATGTCTAGATAAGTCATTTAAATTTTTTCACCTAAACT

CAGGTAGGAAATGAGACGTCCTTGCCAGCAAGTCCATATAATACTACAATTTTTATGACT

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- 291589 CACACATCCTTTCTGAGTTCAGGTGGGTACAATTAGCTGCTAGTAAAAATGAACCATTAG
  TGAAGTCAGTGAATATTAAATGTGGGACTTACAAGGCTAGGAATGACAAATAATGAGGAAA
  AAACATTTTGTACTCTAATTTTAAAAAGAACTATTTAGGAGGACAGCTGTAGCTGGGGTAG
  CTTTCTCTTGTAGAGGCATTTGCTCCATTGTTGAGGGGTTAGTACTGTCTAAAGTTAAACC
  ATTTCAGTGATGCCTAGCATGGAACACTTGACAACCCACCTTCCAGGTAGGAAATGAGAC
  [G,T]
  TCCTTGCCAGCAAGTCCATATAATACTACAATTTTTATGACTAGACTATTTTTGCAGAAG
  TACTTAATTGCTTAATTGACATTAAACTTAAGTAAGTCTATCTCTTTTCTCTTAAAAATAAT
  CTTAATAACAAATAGAAATCTTTAGTATCCCAGTCTAACTCAGTTTAGTCCTATTTAGTT
  TGCGATAAGAAAGTAATGTATCAGTTATTTTGGCAAATTATTTTATAGAACCTATGTGGAA
  TAAGCTGTATCTATTTAGATTTTTATATAATTTTGGTAATTAGCATACAATAACCTTACATGA
- 294398 ATATAAAAACTTCAAGTACTCACCTTTTGTCCTATAAATTCTATTTTTAAAACTTTGTCC
  TAGATAATAAGACAAATAATCCAAGATTGAATCTGCCTTAGAGAGTTGCTTTAAGGATTA
  TTGCATATACACTATATCTACATAACAGAATGAGAAACTATTAAAATGGTGATACATATA

298090 CATGCCACCATGCCCAGCTAATTTTTTGTATTTTTAGTAGAGACGGGGTTTCACCATGTT
GGCCGGGATGGTCTCGATCTCTTGACCTTGTGGTCCACCTGCCCTCGGCCTCCCAAGGTGC
TGGGATTACAGGCGTGAGCCACTGCACCCGGCAGAAAATCTTAAATCTATACTATAGAGT
CTGACAAGAATTTGGGACCCAAAAGCAATATAATTCTATTACATATTTATCTTAACAAGT
AACATTTTAAAAAGTCCATGTAATTTATAGATTTATTTGCTTTCTCTAACAAGTAATGCTT
[C,T]

TAAAATTATATTTIGTAGCTCATACTATATTTCTTTTGAACAACACTGATCTAAAGTGCTA
TIGTTTTTCATTIGTCCGTTTAAATGGATTATGATGTAATTAGACTAGAGATCTCATGGGTT
TTAGAACTAAAATGTTCTGGGGTCAGATGTGGCTTCTGGCTTTTACTTATTTIGTATTTCT
GGCCTCAGTTIGTACCCGAAAATAAATTTTTTGTTGGAAATACAGTTTGTCCTGAGCTAATA
GAGGAACATGATTTACCTTCAATTCTGGAGAGCTAGTAAAATAATTTAGAACACTATGTC

ČTÁGÃATTAACACATTITTAGAGGTGAAGAAAATGAGGCTAAGAGAGAGCCAAGGGACTTGG CTAATAAATGTTACACACTTAGCAAATGGAAAATTCAGGATTTCAAACCAGATATGATTA ACATAAGCCATGTCTCCTCTTACTATTAACCATAACTGGTAGAACATATACATAACTTAA ATTTGATAGGTAAGCTGATTGGAGGCTATTTGTTGTGGTACGAATGTTTGAAAATTGCTG TCAGTCAGCAAGTATTTATCAAGCACATTAGATATTCCAGGCTGGAACTGGAATGGAATC

310153 CTGCAGTAGACTTGCTCAATGCAGGGTTGCCACAATTTACAATATAATACATTGTATTAT
AAAAAATACAATATCTGCAGAGCCCAGTAAAGCATAGTGCAATAAAATGAGGTGTGCTTG
TATTTATAGATGATATCTAAAGTCAAAGAATGGGTGGAACAGTGAAGACGAAGAAAAAGA
AGAAAGTTAAGTATAAGCTCTGAGGCACTTCAACTTTTAAATTTAGCCAGAGGGGGAGGA
GCCAGCAAGTAACAATGCATGAATAGGAATATCTAGAGAAATAAGAGGTATAATGTGGAG
[T,C]

GTCAGAAGCCAAAAGCGAAGTGTGTTAAGAACAAAAGTGTAGTTCATCTTTTCCAATCCT GCTGAAAATTAGGGCAAGATACAGACAGAAAAGGCATTTCTTAAAATTTTAACAACCTGG AATTCATTCATGATTTTAACAAGAATCATTTTGGTGGAGTGAGAGGGACAGATTTGAGTC AGCTGAGAAAAGTGTGACAAATGAGGAACCAGAGACCTTAAACAATTCTTTAGCTA TGAGTGTGGAAGAAAGAGATTGGGCAATAGCTAAGACAGGATAATGTGTTGAACGAGGGT

310189 TTACAATATAATACATTGTATTATAAAAAATACAATATCTGCAGAGCCCAGTAAAGCATA

GIGCAATAAAATGAGGIGTGCTTGTATTTATAGATGATATCTAAAGTCAAAGAATGGGTG 10/506549 TTAAATTTAGCCAGAGGGGGAGGAGCCAGCAAGTAACAATGCATGAATAGGAATATCTAG AGAAATAAGAGGTATAATGTGGAGTGTCAGAAGCCAAAAGCGAAGTGTGTTAAGAACAAA [A,G]

TTTCTTAAAATTTTAACAACCTGGAATTCATTCATGATTTTAACAAGAATCATTTTGGTG GAGTGAGAGGGACAGATTTGAGTCAGCTGAGAAAAGTGTGACAAATGAGGAACCAGAGAC CAGGATAATGTGTTGAACGAGGGTTTTTTAGTAGGCAGGAGATATCTGATGGAAAAGAGCA

TGATATCTAAAGTCAAAGAATGGGTGGAACAGTGAAGACGAAGAAAAAGAAGAAAGTTAA 310283 AACAATGCATGAATAGGAATATCTAGAGAAATAAGAGGTATAATGTGGAGTGTCAGAAGC CAAAAGCGAAGTGTGTTAAGAACAAAAGTGTAGTTCATCTTTTCCAATCCTGCTGAAAAT [A,G]

TGATTTTAACAAGAATCATTTTGGTGGAGTGAGAGGGACAGATTTGAGTCAGCTGAGAAA AGTGTGACAAATGAGGAACCAGAGACAGAGCTTAAACAATTCTTTAGCTATGAGTGTGGA AGAAAGAGATTGGGCAATAGCTAAGACAGGATAATGTGTTGAACGAGGGTTTTTAGTAGG CAGGAGATATCTGATGGAAAAGAGCAAATAGAGAACTTGAAGATACTGCATTGGGGGATG ATTGCAGTGCAATGTTATGTCGTGGCAGAATGAGGTGGGATTGGGAGAGATTGCTCTTAG

311696 TAAATAGCTCCCTGTTGCTGGAAAGGAAGGCCTCTTTTATTTCTTCTACATTTTTGAGC TAATGCAGAAATCCATTTGCAGTGTTTATGTATACATATATACCTCAGTATATGTAAATA CACATCTTACTCAACAATTCAAGCAAAACCTTTGGATCTGTCAGAAACAGCTTATAGGTC [G,T]

GCATTAGGTGATTAATTGCCAGGAGAATCTGGTTCTATATTTTGTTACATATAATTATTT TCTTTCTAAAGGTGTTCTTTTATTAAGCTCCCACCATAAAAGAGGGGAAAATAAGCACA TCCACTGATAAAAGCATATTTGTCTTGGCTTCAGACAGTTTTCTCCTCATTTTTACCAAA ACTITAATAATATTTTAACTTGCTTAGAAATTAGTCTTGGGATAGCAGTATGGAATAATG

TIGGTIGGGACAGATTIGTAGTTTTGCCAAACCCTACAGAGGGGGGGTACAGTCCCTGCCATGTG 315318 CCTCAAAGGTGCTGTTAGACTGTGTTCTAAACCTGAGATGTTTCTAGTTGTTTGAAGTAA AGGTGGAAAACTACCATATTAAAATTCAATTACGGGCTGGGCATGATGGCTATAATCCCA GCACTTTGGGAGGAGATCATAGTGACGCCACTTGAGGCCAGGAGTTCAAGACCAGCCTGG CCAACATGGTGAAACTGTGTCTCTACTAAAAGTACAAAAATTAGCCAGGTGTGGTGGTGC [A,C]

TGCCTGTAATCACAACTACTTGGGAGGTTGAGGCATGAGAATCGCTTGAACCTAGGAGGT **GGAGTTTGCAGTGAGCTGAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGTGAAAC** CTTGTCTCAAAAAAAAAAAAAAAAAAAAAAAAGGAGTTCCATTCCAAGAGGGCCAAATAGG AACAGCTCTGGTCTGCAGCTCCCAGCATGATCGACACAGAAGATGGGTGATTTCTGCGTT TCCAACTGGGGTGACTAGTTCATCTCATTGGGACTGGTTGGACAGTGGGTGCAGCCCACG

AAGGTGCTGTTAGACTGTGTTCTAAACCTGAGATGTTTCTAGTTGTTTGAAGTAAAGGTG 315383 GAAAACTACCATATTAAAATTCAATTACGGGCTGGGCATGATGGCTATAATCCCAGCACT TTGGGAGGAGATCATAGTGACGCCACTTGAGGCCAGGAGTTCAAGACCAGCCTGGCCAAC ATGGTGAAACTGTGTCTCTACTAAAAGTACAAAAATTAGCCAGGTGTGGTGGTGCATGCC TGTAATCACAACTACTTGGGAGGTTGAGGCATGAGAATCGCTTGAACCTAGGAGGTGGAG [T,G]

TTGCAGTGAGCTGAGATCATGCCACTGCACTCCAGCCTGGGCGACAGAGTGAAACCTTGT CTCTGGTCTGCAGCTCCCAGCATGATCGACACAGAAGATGGGTGATTTCTGCGTTTCCAA CTGGGGTGACTAGTTCATCTCATTGGGACTGGTTGGACAGTGGGTGCAGCCCACGGAGAG TGAACTGAAATAGGGTGGGGCATTGCCTCACCCAGGAACTGGAAGGGGTTGTGGGATTTC

322289 GAGAAAGAAAACGCAAGGCAAAGAAAAGGATAAAACAGCCCTGCTGCACTCTGGTGGGAC AGGAATAGAAAACAGAAACAATGTCTCTTTGGGGTGAGAGACAGAAACACGCTGTTCCTC TGCATCACCACTCGGCGTCACCACTGTGCAACCCATCAGTCCTGTGGTGCCCGTTCAAGT [C,T]

**ACATTIGTATAAATCTGTCCTACGGCATCTGTATCCTCACCATCTAATAACTTTAGCACAG** AATATTGTTTAAGAATGATGGAGAGGGAAAAGAAGACTTTGAGTCAACAAAACCTTTGTT TIGTTTACATTTACCATATCATCCATTCTTTIGTAGTATATCAGAAGACTTTCATTTTAG GTTTTTAAAAATCGTTTATATGTAATGAGTTAAAAACCTTAGTTATCCAGAAACATATTC TGAGCAACATGTTTTTGGTACCACCTGCTGTCTTATATATTTTCTTGTCTGCATGCTTCTG

### FIGURE 3IIIIII

PCT/US03/06670 10/506549

ATACTGTTTTGACTTGTAAAATGACTCTTTAATAGAAATGGACAAAGAAAATATGCTAAT 323572 CATTTTGTGCTCATCATCAATTGCTGCTATTTACTGTGGTGCATTTTTCCTGAACACCTG CTGTCAAATGCATCAAGTCTTTTCTTGCACAGTGCTACAGGTTTTTTGCAGAACTGAGCAA [T,C]GCTCACATGTTGACATACAGAAATCTGTTTCAAATGAATTATTTTTTAAAGAACAAAGAA CTTTATAACCCTAGTACCTAATCCTATGCCTGACACATAGTAGATACTCAGCAAATATCT

GTGGGACTGAACTGCTCTGTGAAGCCTAGCTAAGCACTAAAGACTCCCACAACTTTTTCA **GCTTTATGGGGAAGTGATTATCTTAAATAGTTTTAATGCAAATTGAATTATTGTTTAAAA** AGCATGTCCACCAGTTGAAAAGTCAAGTCATGGAACATTGTTAAGATCCAGGTTTTAATT

324052 AGCTTTATGGGGAAGTGATTATCTTAAATAGTTTTAATGCAAATTGAATTATTGTTTAAA AAGCATGTCCACCAGTTGAAAAGTCAAGTCATGGAACATTGTTAAGATCCAGGTTTTAAT TATCTTTATCTCCCTTTGCACAATGGAGTGGCATTGTCAAAAGGGGAAAGTGTCTAATAA TAAGTTGAAAACATTGTGCAGTTATACTTCAAAGACATCTCTTAAATTGTCCTGTTCAGG [T,A]TCACTGCCTCTGCTATTATTCATGTTCTAATTTAGGGCCTCGAAATTGTATTAGTTGCCT

AACTGGAAGTTGCACTTCGTTCCTTGTGCTTCTTCCACACTGCTGCCAGAATCATTTACTT TCTTCAACAGAAAATCAAGCCTGTCTCTTTCCTCATTAAAAACCTGCAATTTGCTACGGA CTGTGAGATAAGGACCAAACTCCTTGGCATTACATACCATATGTAATGTAATTATACCTG TGGATTTTTTTCTCAATCTACCTTCATGTCCCCCATGTTTCTAAGCATCCTCTACCAGTG

CCCAAAAGCTTAATTAGCAAATAATATAATGCAGACTGCTCCTTGCATAGGCTCTCATGG 326324 ATTTTACATACTACTGCTTATTTTATTAGTCTCTAAAGTCATTCTTCTCCCAGTGTAATT ACACTTTTAAAAATTACTAAATTGCATAAGAGATATTATGAAATCGTATTCCTGGAACAT TGAGAATTTCAAGCTTTAAAAGACAGCAGCTAAAGTCAAAGATACAGCAACATTTTCAAA AGTTAGCTTTGTACATCTCTTGGCTGAGTAATGTGAACCCACACATGGAAAGATTTAATA [G,T]ATACAGGAATGTTCTGGGCCTCTGTAAGAGCTGATCCCTCTATCAGGTTTCTGTGCAGAC AAGCATGTTTCTTCTATCTATTAGGAAAGGGTTATGAATTGAGCATTTCAGAGGCTATGG TAAGAAGCAGGGAGAAGGGGGCAAGTAGAGAATTGCTAAATATCAATTCTTTTAAAT ATTGAGATTTAGAAATAAAAATCAAGAATCTGTATTTTGACTTGACTTTTCAATCTATTA

327037 CATACATGCCATATGCCAAACACTGAGCTAAGCACATTATATCAATATAGATATAAAAAAC ACCTGCTGATTTGTCCAAACACACAGCTAATAAGTTTTTGAGCTAGAATTTTCCTCCAGC TAAGCTGATTCTTTTGCCCTCACTTTTAACCTTGTATGCCAAATTACAAGTTTAAAATTC ATTTATGTACTTGGAAGAGTCATAGAAGTTTCAATAAAAGAGAAGACTTTTAAGCTGAGA CTTGAACAAGAAGTGGAGCTTCCCTGATAGACAAAGAGATAAAATGTCATTCTGAGCAGA [T,G] GGAGAAATATGTGCGAAAACAGGGAGGCAGAAAGCAGCGTGGTGAGTTTTACTAACTGGG TGTTTAGGTGCTCCTAAGCAAGTCCAAGTTCAAGTATAGCATTTCAAGTTTCTATGATTT 

TACTTGAACTTGGACTTTTTTCTTTGATGTGCAATTAAATGATTAGAAAATAGGAAGTTA AGGTATTTGCAGTTAAAATGATCACGTTAGCCATGATGTAGATAAAGCAAGGAAAAAGAA

TTCTAACCTCGTAGCTCATTGTTCCATTTATTCAAAGAACATTAACATCTGCCATATATT

327038 ATACATGCCATATGCCAAACACTGAGCTAAGCACATTATATCAATATAGATATAAAAAACA CCTGCTGATTTGTCCAAACACACAGCTAATAAGTTTTTGAGCTAGAATTTTCCTCCAGCT AAGCTGATTCTTTTGCCCTCACTTTTAACCTTGTATGCCAAATTACAAGTTTAAAATTCA TTTATGTACTTGGAAGAGTCATAGAAGTTTCAATAAAAGAGAAGACTTTTAAGCTGAGAC TTGAACAAGAAGTGGAGCTTCCCTGATAGACAAAGAGATAAAATGTCATTCTGAGCAGAG [T,G]GAGAAATATGTGCGAAAACAGGGAGGCAGAAAGCAGCGTGGTGAGTTTTACTAACTGGGT GTTTAGGTGCTCCTAAGCAAGTCCAAGTTCAAGTATAGCATTTCAAGTTTCTATGATTTT

ACTTGAACTTGGACTTTTTTCTTTGATGTGCAATTAAATGATTAGAAAATAGGAAGTTAA GGTATTTGCAGTTAAAATGATCACGTTAGCCATGATGTAGATAAAGCAAGGAAAAAGAAG

327295 CTTCCCTGATAGACAAAGAGATAAAATGTCATTCTGAGCAGAGGGAGAAATATGTGCGAA AACAGGAGGCAGAAAGCAGCGTGGTGAGTTTTACTAACTGGGTGTTTTAGGTGCTCCTAA GCAAGTCCAAGTTCAAGTATAGCATTTCAAGTTTCTATGATTTTAGTGTAACTCCTATCT TATCTACAGCTCCTTTTCTTTTCTCACAGGGTGAGAAATGCTATACTTGAACTTGGACTT TTTTCTTTGATGTGCAATTAAATGATTAGAAAATAGGAAGTTAAGGTATTTGCAGTTAAA [A,G]

TGATCACGTTAGCCATGATGTAGATAAAGCAAGGAAAAAGAAGGAAAGAATAAGACTGCA GGCAGAAAACAACTAGCACAGCAGTTATGATATTCTAGACAAATGATTGTGTTGGCTTG ATATCACTGAGTAAACATTTATTGGGTGCCTTATATGTGCCATAGCTGAGCTTACAGTGT

### **FIGURE 3JJJJJJJ**

TGAATAAAATGAATATGATTCCTGCCATTACATACAGTCTACAATCTGTTGGGAAAGACA GACAGTAAACAAACACACAAATACACAATAAAGAAGAAGTCGGTAGAAGTGACAGGTTTAA

AATACGATAATTTTTAGTCTGGAGCACACAAGCAGAGTTCAGGTGAACTCCCTGGAATTA
TTTGCAAAATTGGGAGTATTTTTTCGTATGTATGATTGAGGGGAATTTCTGTCAAATGCA
CATAGGCACCTGTAATTAAAGAGCCGCCTTCATTTTCACACATGAGGAAACTGAGGCTGT
TACAGATGTAGAGACTTGCCCAAGGTCTTGAATAACTTCTCAGAAAGGGAGTTTGTTCTA
TGATTTGTGTTTTTTTAATAAAGTTTTTAATGGACAGACCACGATATCCAACATGGCCTTGG

AAGCCTTGGCTTCTTTTTCATTGAGTTGTCATATAGTGATTTTAATAATAATAGAACAT

AATGACTATGCAGTGTAAGCTGTGGATATTTTGTTATATAAGAATGGCAGGGGGTCCTAG
AACTGGGGGCTGGAAGGCCCATTTAAAAGGTCATCTAATACGATAATTTTTAGTCTGGAG
CACAAGCAGAGTTCAGGTGAACTCCCTGGAATTATTTGCAAAATTGGGAGTATTTTTC
GTATGTATAGTTTGAGGGGAATTTCTGTCAAATGCACATAGGCACCTGTAATTAAAGAGC
CGCCTTCATTTTCACACATGAGGAAACTGAGGCTGTTACAGATGTAGAGACTTGCCCCAAG
[G,T]
TCTTGAATAACTTCTCAGAAAGGGAGTTTGTTCTATGATTTGTGTTTTTAATAAAGTTT
TAATGGACAGACCACGGATATCCAACATGGCCTTGGAGCCCATAGGGTTCAGAATATTAGAA
AGCCTTGGCTTCTTTTTTCATTGAGTTGTCATATAGTGATTTTTAATAATAATAGAACATG

CCACGATATCCAACATGGCCTTGGAGCCATAGGGTTCAGAATATTAGAAAGCCTTGGCTT
CTTTTTTCATTGAGTTGTCATATAGTGATTTTAATAATAATAGAACATGCTATTATTCAG
AATACATTCTTCCACCCTAATATCCCAAAACAGTATTTTTAAAGAAATTCTAGGAAGGGT
GTTTACTCATTCAGGAGTTCTACAGGAAGGAAGGCTCTTTCCTACTATTTTTTAAGCATAA

#### FIGURE 3KKKKKK

TTATGATTTTCCTAATTGAATTTTTGCCAGCTAATTTIGTACGTAAGTTAAGGATTGATTG

10/506549 AACAGCATTTTCCAAAGTGGAAAAGAAATATTAGTTTTTGAGATGTTCCATGATTAGAGT TTGGGAATTTAAAATAGAATTTTTACATACTACCATAGGTTTCTCCTAGATATTTTTATT

ATGATGTGGTGGGTTTAACTTCTTAAGAAGCTGACAAATAGCTTTCCAAAGTGGTTGTTC 331838 TATTTTATATTCCCATTAACAGTGTATGTAATTTCTAGTTGCTCCATGTCCTTGATCGGT CTTTGGTATTGTTAGTGTCTTTAATTTTCATCATTCTTATAATGTAATGGTATCTCATTG TGGCTTAAATTTGCATTGATCTGATAACTAATGATGTTAAGTATCTTTTCACATACTTAC CTCACAAAGGAAGCTGTGTGGTTAGCAAGTATGTTCAAATTTTTTAGTCCAGTTACTTTGG [A,G]

TTATT TTCTTATTATTGAATTATGAGGATTCTTTATATATTTTTGGATACAAGCCCTTTGC AAATATGCATATTGTGAATATTTTATCCCAGTCTGTGACCTGTCTTTTCGTTTAAA GGTACCTTTTGAAGAGAAATTTTGTTTTGATTTTTGTAAAGACCAGTTTGTCCATGTTTT TCTTTATACTTCTAGAAGTTTTATAGTTTTAGCTCATAAATTTCAAGTTTATTTTTCAG TATGGTGTGAGGTAAGGGTCAATGTTCATTTTTTCATATGGATTTCTAGTATTCACAGT

TAACTAATGATGTTAAGTATCTTTTCACATACTTACCTCACAAAGGAAGCTGTGTGGTTA 332042 GCAAGTATGTTCAAATTTTTAGTCCAGTTACTTTGGATTATTTTCTTATTATTGAATTAT GAGGATTCTTTATATATTTTGGATACAAGCCCTTTGCAAATATGCATATTGTGAATATTT TATCCCAGTCTGTGACCTGTCTTTTCGTTTTCTTAAAGGTACCTTTTGAAGAGAAATTTT GTTTGATTTTTGTAAAGACCAGTTTGTCCATGTTTTTCTTTTATACTTCTAGAAGTTTT [A,G]

TAGTTTTAGCTCATAAATTTCAAGTTTATTTTTCAGTATGGTGTGAGGTAAGGGTCAATG TTCATTTTTTCATATGGATTTCTAGTATTCACAGTACCATTTCTTAAGATAATTTCCTT TOCTCTAGATACTCTCACACTATCTTGTTTCTTTAGCATTATAAGTTTTGAAGTCAAGTA GTGTAAATTTTTCCAATTTGTTCTTTTTAGAAGTTGCTAAAAGTTGCCACATTGCCTCTG

332058 GTATCTTTTCACATACTTACCTCACAAAGGAAGCTGTGTGGTTAGCAAGTATGTTCAAAT TTTTAGTCCAGTTACTTTGGATTATTTTCTTATTATTGAATTATGAGGATTCTTTATATA TTTTGGATACAAGCCCTTTGCAAATATGCATATTGTGAATATTTTATCCCAGTCTGTGAC CTGTCTTTTCGTTTTCTTAAAGGTACCTTTTGAAGAGAAATTTTGTTTTGATTTTTGTAA AGACCAGTTTGTCCATGTTTTTCTTTTATACTTCTAGAAGTTTTTATAGTTTTAGCTCATA [A,C]

ÄTTTČAAGTTTATTTTTCAGTATGGTGTGAGGTAAGGGTCAATGTTCATTTTTTCATAT GGATTTCTAGTATTCACAGTACCATTTCTTAAGATAATTTCCTTTTTGAGTGCCTTAAAA TCAGTATGGACTTCCTTTTTCTATTTTATTTATCCGTATCTTTATCCTCTAGATACTCTC ACACTATCTTGTTTCTTTAGCATTATAAGTTTTGAAGTCAAGTAGTGTAAATTTTTCCAA TTTGTTCTTTTTAGAAGTTGCTAAAAGTTGCCACATTGCCTCTGTAGATACACACAGAGA

GGCCAACATGGTGAAACCCCGTCTCTACTAAAAATTAGCCAGGTGTGGTGGCATGTGCCT 333419 GTAGTCCCAGCCACTAGGGAGGCTGAGGCAGGAGAATCTTGCAGTGAGCTGAGACTGCGC CACCAAGTGCTGGGATTATAGGCGTGAGCCACCATACCTGTCCTTAAACCATATTTTAGT AGTTATTTAAGGAAGTTACAAAAAAAATTCCTTTTGATATAATGAGTGCAAATTATTTGC [A,G]

CATTTTTGAAAAGAGAATAGTCATCTTTTATTCACCTGATAATTGCTGAGAAGGGCAAAC CTGCTCCACCTCAGCATCCCAAAGTGCTGGGATTACAGGGGTGAGCCACCGCGCCC AGCCTTCTATTTTCAAAAGTACTCTTGACATTGTTTGTATCGGTGACATAGATTATGGAA TCTCTGGTACTTGTTTTATTTACCAATTACGAATAATAGTGGATTGTTCGTGAAATTCCA

336143 AAAATTICTATCTTTCCTCAAATTATATTTTTGTGTTCCATAATGCTTGGATTGGGGAGGG CATCCCATTGTGGTCCTATTTATAATTAGTATATTATTACAACTTCATAGAAATTTTGCT AACAGCTACATCTTAGTAGTTCTGTGGTTTCTAATTTAGATGAGGCAGGTTTGTTCCCTG TTAGGAAAATTATTATTTCTTTAAAAGTCTTAAAGTTAATAAACAGGAGATTTAGGAGAC [T,G]

AGAACCTTCTACATGGTGTGTTTAACAAGCACTTGATAAACTGTGGGGAAAAAAGATT TTTAAATTAGATTTAGGAAAAATAGACTTCAGTTCTCATTTGTTACAAGAGGAGCCCTCT AACTCCCTGCTGTAGACACAGCCATTTTCTCAGAGTTGGAGTGTCTCTTTGGCCACTTTG GGTATAAAAATGAAACTACTATCAATTTATTGTCCTCACAAGAGAATAGTATATTATATT

336148 TCTATCTTTCCTCAAATTATATTTTTGTGTTCCATAATGCTTGGATTGGGGAGGGCATCC CATTGTGGTCCTATTTATAATTAGTATATTATTACAACTTCATAGAAATTTTGCTAACAG CTACATCTTAGTAGTTCTGTGGTTTCTAATTTAGATGAGGCAGGTTTGTTCCCTGTTGAG GGTTTTTGTTTTGTTTTGGTCTGAATAGGTAGGCAGTTCACACAGTTGTTTTAGG AAAATTATTATTTCTTTAAAAGTCTTAAAAGTTAATAAACAGGAGATTTAGGAGACTTTAA

### FIGURE 3LLLLL

[T,G]
TAATGCTTAAGATAAAAGGTTTCATTTCTCTCTCTCTGTTTCTCTGTCTTCACACAGAAC
CTTCTACATGGTGTGTTTAACAAGCACTTGATAAACTGTGGGGAAAAAAGATTTTTAA
ATTAGATTTAGGAAAAATAGACTTCAGTTCTCATTTGTTACAAGAGGAGCCCTCTAACTC
CCTGCTGTAGACACAGCCATTTTCTCAGAGTTGGAGTGTCTCTTTGGCCACTTTGGGTAT
AAAAATGAAACTACTATCAATTTATTGTCCTCACAAGAGAATAGTATATTATATTCAAGA

- - CTTTTCTTTAAAATGTAAAAATTTIGCTTACTATAGTGGTTTTTTTATTIGCAATCTTATGA
    ATGTAGCTCTAGAAGATCTTTTTAAAGCAATTCATTAGAGTTAAATACATTTCACACTGA
    GTTTTCAAAAAAGCTTTAACTTCATGTAAACTTAGTCTTGTTTTTATTTTTAAATGATC
    TGTCATGCCCTGAATTCTGTTTTTGTAGTCTATGCCTTCCTGGGTCTAATAATAACACAAG
    ATCTTCATGCCAGCTTGACATTTAAAAAAATCACCTTCTAGTTTGCCTCATTAATTCAAGA

- TTATGTTTATATAATAGACACACACACAGTTTCCAATTGGTATTTCGATGCCTCTTTCCTA
  AATATGAATTGAAAACTAAGGACCACTAATATTTGAAAAAAGCTAAAAATAGACAGTCTA
  AAACAAGCACAGGGAGGATAGACATAATTTAGGGAGCAGATGAAAAAGAGAGACAAGAATAA
  TATGGCCACAAAACAAGCACCAGAAGCTCTAAAATAGAAGGCTCAATTGTTCCTTAATTG
  AAAATGTAAAAACATTCAGGTAGAAATAAAAAAATAAATGGAAGAATTGGATGATCAAGTTG
  [C,A]
  AAGTCTCCCAGAAAGTCAAACAAAAAGACAAAGAGATTGAGACATTGTAGACATGGTAACAT
  CTGACTAATAGAGGTCTCAGAAGGAACAAAAGAAATCAGAAGAGAAAAACTATCAAGACT
  TCTTTCCAAGATTTGAACATTAAATTTCTAGATTGAAAGCCTCTACCAAGTGTCTGGCCT
  CAAACCATCACATTCAAAGGACTAAAAATTTCTGGAGTGCCCACAAATTATCAACAGCAGAA
  GCTGTACGACAGGAGAGACCTATTCTTGAAAATTTTCTGAGGGGAAATTATTTCCAACCTAGAG

GAGACAAGTTACAACCAAAGGAGGGACATTCACCTGCAGAAGCTTATAAAAGCACATGAG

CTGAATGCATATATAATGAGCTACGTTAACATTGGGTTTTACTGTACATTATGCGTAGTA
TAATATATAGAAAGTCTGATCCCTCTTTTTAAATAATATATAGAAATCCAAACTTTATCA
[A,G]

TGTAÄACATACTGAGTTTGAGGTGTCTATAGATCATCTTAATGGAGATGTCATACAGATT AGTTTTCATTTTTAAATTTCTCCCTATTTCATTGAAAATATGATTCACTATATAAAATTG TAATTAATATAGATATATTACATAAAGACAAAGGAGAAGCTCTATACATATGGATGATCA CATACTAATGGAAGATTTTTTTAAATTGTAAATTAATATTGTTTCCTAGACAAGTCAGTAG GATTGAGTATACAAGTTGAACATCCCTAATCTGAAAATCCAAAATCCAAAATGCTCCAAA

351139 ATATTATTCAGAAAGAAGTAAGAATGATTGTAAATATAGACAATTTCTTAGGTAGAGGGC
TAGAAAGGTGAAAAGGGTGGTTAAACTCAGTCATCGCTGATCCTCAACTTAAAAGTCTGT
TCCACTAATCTTTATTTTGTATTACTGAATGCATATATAATGAGCTACGTTAACATTGGG
TTTTACTGTACATTATGGGTAGTATAATATATAGAAAGTCTGATCCCTCTTTTTAAATAA
TATATAGAAATCCAAACTTTATCAGTGTAAACATACTGAGTTTGAGGTGTCTATAGATCA
[T,G]
CTTAATGGAGATGTCATACAGATTAGTTTTCATTTTTAAATTTTCCCCTATTTCATTGAA
AATATGATTCACTATATAAAATTGTAATTAGATATATTACATAAAGACAAAGGAG

CTTAATGGAGATGTCATACAGATTAGTTTTCATTTTTAAATTTCTCCCTATTTCATTTGAA
AATATGATTCACTATATAAAATTGTAATTAATATAGATATATACATAAAGACAAAGGAG
AAGCTCTATACATATGGATGATCACATACTAATGGAAGATTTTTTAAATTGTAAATTAAT
ATTGTTTCCTAGACAAGTCAGTAGGATTGAGTATACAAGTTGAACATCCCTAATCTGAAA
ATCCAAAATCCAAAATCCAAAATCCAAAACTTTTTGAGCACGGGCATGATGCCTCAA

GAAGCCAGAAATTGCCATACACATAGTAGTTTACACATACAATTACATTATCTTATAGTTCTG
GAAGCCAGAAATCTGACAAAGGTCTTATTGAACTAAGATTAAGATGTCAGCAGGGCTGTA
ATCCTTTATGGAGCCTCTTGGGAACAATCCATTTCTTTGCCTTTTTCAGCTTTCTTGAGCC
CCCCTGCATTCCTTGGTTCATGGCCTTTTTCCTCCATCTTCAAAGCTAGCAGCCTAGCATC

TIGACTICCATGGAAAGTTTTGTGTTAGTATGTGGTCCCATTTTTAACCTATTTGCAGAC
ACCCCGGATTATCTAAAATCACTTTCACATGGGGCTGAGGTTAAGCTTTATTTCTTTTGG
CATGTCCCTACCACAGCAGCACACTTCCTCTTTGCCTTGAAAGGACAAAACGATGTTCAGC
TGTCTGGGCTTAGGCCCAGTATTTGATTTATATATTTCCTCCTGAAAATTGG
AAGCAGGACTTTCAGGAATAGAAGTCAGTATTTTCATTTTGTTTTAGAATACTTCTAGGT
[C, G]

TAATATAATCATCAGTGGTAGATGTCAGCATGATTAGGGGGGTGACTTAAGGTAAAGCAAA TAAAATGTGAATACAAAGGAAAATTATTTGACAATGGAGAAGTTCCGGAAGTTTTTGAATA ATCATTATTGTATATGTTATTAGGTTTTGGGGGGTACTACATTTTGGGGGCACCTGTCTTCA CTTTACCCCATTGAAGGAAAGATGTCTATTATGTTATAGTTGCAATTGTTGGGGGGATTAGA AGTTTGAGGAAAATGTAATGTAACCCTTCCAGTAATTTTACAGAGGATTTTTTGGATTCTC

TCTCAAACCCTGGCAGTCTGGGCTTTCCCTCCCTCTGCACACTGCTAAGCTGACCTCACT
ATTTCCTTCTCTCCAATTATAATAACCAGCTCTAAGTCCTCAGCTTTCCTGACCTTTTTG
CTCCATCTGTCAGAATTCGTACCCTCTTCCTAAAGCCCTCTTTCAGTTTTTATGTGGGAC
TGTCCTAATTTCCTCTACTTCTTCCTGTCTTTTATAGACCCATCTCCCTAGTATGGAGCT
GGGCTTAAGTGTCCCCCAGGTTCTGTTTCTTGGACCATTTTTCTCCCTACATTCTTAGGC

363642 GTGTGCACTCCCATGGAGTGCCTTGCCACCACCACCACCAGTACATCTCTTCACATTCTT

**FIGURE 3NNNNNN** 

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CTAAAGCTTATTCCTAAAGCATCTACTCTTTTATGTTACCAGGCTCCCAGTAGATGCTTT TTTAAATATGGATCCACCACTTACCTGTGTGTGATGTTGAACAAATTTACCTAAAGGCTT [G,A]

GATTGTTGGATAGATTCGGTAACTTATGTGAAGGCAGAGACACTTGGAAATCAGTGGTG GTGGAGGTGGTAGTGCTAATAGTGCTAATATCACCATCGTCAATATAATTATTTCCACAG CAGCATTTTGTTTCTCATATGTCAGTTACGTCACTGTACTTATTGTCTTGTTCTCATTTC AGAATTTCAGACTCCTCGAGGTTTTATTTTATATTCCCCTGTTCCCCCAAGAGCATAGAACA AGGACTTAAGCATAGGTTTTCCTAAGTGAGTTGAGTTGCATAGAATAGCTATTCTCCCCCT

363730 AAGAAAAGGTACCAGAGTCAGACAGATATGGATTTAAATATGGATCCACCACTTACCTGT GTGTGATGTTGAACAAATTTACCTAAAGGCTTTCAAATCAGTTTCTTCATTTATAAATTG GGGGTAGGGGAAGGATTTTACCTACCACATTGGATTGTTGGATAGATTCGGTAACTTAT GTGAAGGCAGAGAACACTTGGAAATCAGTGGTGGTGGAGGTGGTAGTGCTAATAGTGCTA [A,T]

TATCACCATOGTCAATATAATTATTTCCACAGCAGCATTTTGTTTCTCATATGTCAGTTA OGTCACTGTACTTATTGTCTTGTTCTCATTTCAGAATTTCAGACTCCTCGAGGTTTTATT TATATTCCCCTGTTCCCCAAGAGCATAGAACAAGGACTTAAGCATAGGTTTTCCTAAGTG AGTTGAGTTGCATAGAATAGCTATTCTCCCCTAAAGGAAAATACTGACTCCACAGTGTTC TTAAAAGTCAGAGCTGGTAAGTTTGTAGCTGTCTCTTCATATTTTAATCAAACATTATCA

GCTGCAGGTTTTAATAGGGTGGCCATGGAAAACCTTGCCGAGAAGGTGGCATTTGTGTAA 365893 AGACTTGAGGCGAGTGAACTGCAATTATCCAAAGGAAGCACATTTCAGGGAGAGGAACA AGAAGTOCACATGCTCCGAACACGAGTGTTCTTTGCACATTCAAGAACAGCCAGGAAGCC **AATGTCACTGGAGTGAAGAGTGTGAGGGGGGTTCTAGGGCCCAGTTGAAAAAAAGTGGGAG** TAAGTGATTGGTGTCGCATGCTGCTGATAGATTAAATAGATTGAGAACTGAGGATTGACC [G,A]

TAGGATTAGTGACCTTGACAGAGCAATTCAGTGGGGGAGTGTTCAGAAGTGTCATTTCAA TGGGTTTAAATGAGAATGGGAAGAGAGAGAAAATAGAAAATGGAAAATGAAGAGAGCTCTTC ATCTATAAGGTGAGAAATTACAACGTGTTTTTATGGTGGTGGTAAAGCTTGACTCAGGTA AAAGGAAATGGAACCCCATGCATAAATAGAAGGATTGATCTTGGCAGCACAGATACTTCA

AACACCTGCAGTATCCTTCTCATATGGTCATTTGCATATTATCTCTACAGCTGTCTTATG 366622 TTTGGCCAGCTTATTAATTGTTAATATATCTCTTCCTCTTATTGAGCAAAAACCTTTCTT CTAGAACATTGATCCTAGTTCTGCTTCCCATAGCCTCCCAAGATGGACAGTTCTAATTTT TCTATAGAAGAGCCTTTGAAGGACTGGAGGACTGATGTGGTTTCTCAAGGCCGACCTCAT TCCTGCTGATTCTAACACCTAGCCCTTCAGTGTTTCTGCTGGCATGTGTGGTTTCAACCC [-,c]

TGTCACATTCAGACACTCTCATCTAACAGGGCCCAGGGTATTTAATCAGTTTCATTTGCT AATCAGGCCTCATTIGGTCCCGGCCTTTGGTATCTGTTTTTTCTCCCAGGCTTTTTTCTACA TATTTCAGTAGCTTTAGGGGTACAAGTGGTTTTTGGTTACATGGATAAATTGTATAGTGG TGAAGTCTGGGCTTTTAGTATACCCCATCACCCAAATAGTATACATTGTACCCAATAGGTA

370992 CAGAAGTCCCAGCCTTGACAGAAGCAACTGGGGGGGGCTCTCCTTGAAAGGCACTGAGGTC TTTGCAGGAGAAAGGGAGGGAGCCACCTCAGCTTCTCTTCCAGACCAGCACGAAAGCAAT CTGCCTCCCTGTCACACTCATGTCGCAATGTTCTGGATATTCAGATCAGACGAGGCACTT CTIGTIGGATICTIGCAGAAATGCTIGACATTCATIGTAGAGAGGGGATTIGTIGAACCTACCCCAAAG TICTOCAGAAAGGOCATOCATAGGTIGCACCCCAGCCAAGCTCCTIGTIGGAGGAGTCCCAGC [G,C]

ACGTCTGCAGTGATAGGCAAAGGGTAGAAGTCCCCTTCTCCAGGTCCCTTCACGAGCACT GGGGCTGCCCAACTGCTGGGGTAGAATGACAGTCTTTCTACCACTTAGCCCAGCACTGCA TCTGTGCCTCTGCTGAAAGAAACTTCCCACAAGCAGAAAGTTCTAGGACTCAAAGGCTGC ACTICTAATTAATTTTGTCCCACAGGGTGCTCCCTTGATATGGTACCCTTTCCCTTCCCCT AGGAGTGACAGTCCCTTAGGGCAAGACTACTGTAAATACTGCTGCTTCTCTAGGTATAGC

TCTAATTAATTTTIGTCCCACAGGGTGCTCCCTTGATATGGTACCCTTTCCCCTAG 371475 GAGTGACAGTCCCTTAGGGCAAGACTACTGTAAATACTGCTGCTTCTCTAGGTATAGCCA CCCTGTGGGGGCTGCCACAATCCAGGCTGGTGCTGGGGAATGTCTACAAGGGATCCAGTG ATGTGAAGATACAAGGGTTGAAGGATCCTGAGCAGAACAAAGTCCCCACAACCTATGTGCA CGAATATGCCAGCCGCTACTACAGCTCAGGCCTAGGGCAAGAGGGAAGGGACACTATGCA [G,A]

ACAAGGCAGTGCCCTCAAGAAGTCCCCAAATCGCAATCCACTCCTGTACTTGTGCTTACA AGGGCAGAGACACTICTGCCTGAGTTCAGATGCCAGCAGTCTGCCACAAGACCTAGAGATG CTGAGAGCACTCCCACCTACCCTTTCCAAAGATTACTGAGCCTCTGGGGGTTTGACCTCT GCCAGCTTCTTGTAAAATAAAGCACACTTTATTTTIGTGGCTGTATCATAGATTCTCCCAG TGAACTCTGTGATAGGCTCTAGCACTCTCCCCTTAACACTCCATTTGGGCTATGATTATT

### **FIGURE 3000000**

#### 373927

#### 374062

#### 374489

TATACTGTTCTCTGTACTGTTGTATGTGTTTGAATTTTCTATCGTTAAAAAATATTAAGA
AGAAAACAAATAGCATTATCTTTTCCCTAAGTGTTCACAATCTCCTCTGTCTCCCCTTTC
TCCTATTTTCTAAGGAGAAAGAATTGAGCAAGTTTACAAAGTGGGGTGGAGCTGTTGTGA
AAGATACTTCAAATCATTTTTTTAGCTACTCAGAATTATAGCATGAAGTCAAAGTTCTCTA
GGCTTGAAATGCTGTGTACCTCATTCTTCCCCTCCAACACATATTTCCAGTTATACGCAC

#### 375527

#### 375885

TACACATACACACACACACACACACACACACACTIGATTIGGTGCATAGGAAGTGACCTAATTIC
AGTTTGTCCTCATCATAGTGACAACTAGACTGAGCCAATCAGAGACTTTCTGTAGGGTTT
TGATTACTGGAATTGAGAAAATGAGGGCTTTCTGGTGAGGTGAAGCTGTGAGATGTAAAAC
ACAGCAACTGTTCCTGGTCATGTGAAGCCAAAGTACGGAGGAAGCAGAAGAACTC
TCTTCATCGAGACGGAATCCCGATGGCATGCCAGGCCCTGCTTCCAGCTGGTCCGCTGAG

#### 376687

AGATAGTIGTGAAAACCACTCATGAGTCCCCTTTGCTTAAAGTTACCCTGGTCATGTTTAT
TACAGCATIGTAAAGGTACATAGCCTTAAAGTCTTTTCAGGACTTTGGGATTTTTCTTAAAG
AAAACAAATCAAGAGTIGTTCATTAAAAGATTGATATAAAAAAATTAATAATTCTGAAGTTA
ACCCAAAACTTAATIGTAATCTTCCATTIGGAACATTTIGTTGATGTGTGTGGGGGGGGTTTAAA
TTCCACAAAATATTATTAAAAATGAGCAATCAGCAGCAAGATGTTTTAAAAATATTTTGTTTC
[C,A]

GCATGTAAAATCTCGTTTTTACTACAGAATTATTTTGTTAAAGGCACAGCTATGCCAGGTT GCTGCCAGAGTGATAGGATCATAACAGCCCAGTTAATTTTAAAAGACTCACAAGTGGTAG GCCTTGGAACTACTGATGGCAACATGTACATCACATTTTAGTATAATGCTTAAACTTACA

### FIGURE 3PPPPPP

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378952 GTACAAAAGAAGGATCTAACAAAATAAAACCCACTCACCTCTAGCATGATTAGCTCCATT
TTGTATTTTCTGTACTCCCCAACTGTGATAATTCCAGCCAAACTGTATTCTGGCCTAAGT
CATCTGGAAAGGGGGAAAGCAGGTGTTATTATGAAGCATTCAGAGGATTTAAGAAGATTT
GAAATATAGTTACTATAGAGCAGTGATTCCTAACCCCTTTTTGGTTTTGGATCCTTTTTA
GACTATAATGAAAGTTTTGAACCTTCTCTATAGAAAAATATATAATATGTATACATGGGT
[A,G]

TATGTTTTCATAAGTTTCAATGTATTCTTAGATCCATCTAGATATCCATAGACTCTCAGT
TAAGAATCTTTACTATGTGGCCAACAACACACACAAATTAGTGAAATACCAATTGAAATA
GTATCTAGTTCATGTAACAAAGATTGCTTTATTATTTGAAATTAAAACAAAAATAATATAA
TGTGAGCTTCTAAAATAAATGGCTTATAAACAACATAAGTATTACAAGTCAGAGGAAGCAG
AGACCACCTTAAAAAATAAAAAATAAAAAAGATACATGAGTGTATACTGGGTATTTTCAG

CATGCACCACCACCACCACCACCACGCTAATTTTTTTGTATTTTTAGTAGAAACGGGGTTTCACCCTG
TTGGCCAGGCTGGTCAGGTATCCATTTTTTAGTCAAAACTGAATAAGATGAAATACTCAG
ATTTATAGAGCTGGCCAAAACGTTTTTTGTTTTTTACAGCCTAATAGCAAAAGCAATCTTGC
TGGTAGTTGGCTAGTAATTCATTTCTATGATGTAGTCTGCAGCCTATGGGGGAAGAGACGAC
AAGATGGTGAAGGGGATTAGGGGAAAGCTTCCAAAATCCTTTTTTGCCAAAGAAGTTAAGGA

ATGTTACTICACTGTTTIGTAAATTTTCTGAAGTTGTGCTCCATTCCAGTGCAGTTTTTTT CTATGACAATACAACAAAGAAGCTCCTGTTCCTGTGGGATACATTTTGATACCGAAGAAA GCATCTCTCAAAAATAACAAAAGCATAGCTGTATTCTTGCTAGAATTTCTAATTTATGTT AGAAATTAGTTCTACAGAAAGAACTAAATGCAGAGTAGTGCTCCAAACTGAAAACATAGC TTGAGATGAACATACATCACAGTATTAAACAATTTTAGTTATTTACTTTCTCTTCATTCT

386270 TCTAATTTATGTTAGAAATTAGTTCTACAGAAAGAACTAAATGCAGAGTAGTGCTCCAAA
CTGAAAACATAGCTTGAGATGAACATACATCACAGTATTAAACAATTTTAGTTATTTACT
TTCTCTTCATTCTAAGAACTTAAGAAGACCTGACAACATCTGGATCAGGGGTTCCCACCA
CCCCCAGGCCATGCACCGGTACTGGTCCGTAGCATCAGGAACCACGGTAGG
AGGTGAGCAGTGGGCAAGTGAGCATTACCACCTGAGCTCCACCTCCTGTCAGATCAGCGG

[T,C]

ATAGCTTGAGATGAACATACATCACAGTATTAAACAATTTTAGTTATTTACTTTCTCTTC
ATTCTAAGAACTTAAGAAGACCTGACAACATCTGGATCAGGGGTTCCCACCACCCCCAGG
CCATGCACCGGTACTGGTCCGTAGCATGTCAGGAACCCACGGTAGGAGGTGAGC
AGTGGGCAAGTGAGCATTACCACCTGAGCTCCACCTCCTGTCAGATCAGCGGTGGCATTA
GATTCTCATAGGTGTGGGAACCCTATTGTGAACTGTGCATGTGAGGGATCCAGGTTGTGC
[G,A]
CTCCTTATGAGAGTCTAATGCCTGATGATCTGAGATGGAACCGGTTCATCATCCTGAAACCAC

FIGURE 3QQQQQQ

Rec'd PCT/PTO 03 SEP 2004 PCT/US03/06670 10/506549

387449 ACATGGTGGAAGGGGCCAACCAGCTCCATCAGGCTTCTTTTATAGGGGTACTAATTCTGT
CAGTGAGTACAGAACGCTCACAACCTAATCACCTCCCAAAGACCTCACTTCTTAATACTA
GTAGCATTGGAGATTAAGTTTCAACATATACATTTTGGAGAAAAACATTCAGACCATTGC
ACTGGGTTAAAGAAAATCAAACTGACCATCATTAGTAGCCTTTGTAAAACCTTTAAAATT
CTATTGTGCACCATGGGGAACAGAATATATACAGGTTGAGTATCACTAATCTGAAATCCA

389096 CTTTTCATTAACACTCAGAAGTTCTCTAGGTCATCCCTATCTCAACCATTAGTGAT
CTGGTCAAAACTCTGTCCAAGTTTTCTATATCTCAAGTTTCGTAGTTCTCCAAGCTAGAT
GGAATTGTTTAAGAGACAGGGGAGTACTAAATATAGTAGGGAAATTTTTTCCCAAATGTTG
ACATATACTAGAGGCCCCCAAGTTACAAACATTCACATTTCAGGTGGTCACTACTTCTCTG
ACCATAACTGATCACTAAAGCCGCTTTGTCATTACCATGTAAGCCACCACAAAACAACAA
[T,C]
TTATAGCTCATAGAAAAATCTATAGAAGCAGGCTGGGCTCGGGGGCTCACACCTGTAATC
CCAGGACTTTGAGAGGGCCAAGGCGGGGGGGGGTCACAGGTCAGGAGACCATCCTG

#### FIGURE 3RRRRRR

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